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Lancaster Farming

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Pa. Dairy Board adds promotion activities

BY WENDY WEHR

HARRISBURG — From Burma Shave to Tastykakes, beauty queens to milk truck decals — the Pa. Dairy Promotion Program is pursuing every avenue imaginable to increase the consumption of milk across the state. These and other promotional ploys were approved at the sparsely attended meeting of the Pa. Dairy Promotion , Advisory Board Thursday in Harrisburg.

The meeting got off to a slow start with only six members in attendence. In order to convene a quorum and conduct business it was finally decided to put through a conference call to at least three additional members. Motions were drafted in advance and voting took place via long distance.

While the snow and rain apparently kept the majority of members away, those who showed up in Harrisburg arrived from many parts of the state. Board members who participated in person were: Donald Duncan, Ernest Miller, Carol Sanders, Elder Vogel, Byron Sollenberger, and Richard Shellenberger.

Action of the board included designating $30,000 for printing milk truck decals, $10,000 for plastic beverage glasses bearing the Pa. promotion program logo, and about $5,000 for a series of milk promotion signs fashioned after the old Burma Shave advertisements that appeared along the nation's highways.

The promotion board's income to date is more than $800,000.

Interest by the milk haulers and promotional value prompted the milk truck decal action. Both the "Make It Milk" and the Pa. dairy promotion logo will be printed and made available for milk tank trucks. The $30,000 will cover the cost for 200 trucks and milk haulers will be expected to pick up one third of the cost.

The board members also approved a joint advertising venture with the makers of Tastykakes. The Pa. Dairy Promotion Board will sponsor side panel advertisements on milk cartons, while Tastykake will sponsor point-of-sale advertising and redeem coupons on a special promotion that pairs up milk and Tastykakes.

The promotion will combine milk and Tastykakes, two all-natural, complementary products that have the same target consumer. During the campaign the consumer will be required to purchase three cartons of milk and one Tastykake family pack, and cut out and send in proofs of purchase from the items to receive a coupon for half-off on his next purchase of Tastykakes.

In other action, the board affirmed HBM/Creamer's recommendation to use Gina Major, the reigning Miss Pennsylvania, in a series of television and print advertisements. The focus of the Major campaign will be the good taste of milk, the "real" beverage.

During the meeting, Stan Muschweck, Creamer's account representative, presented an update on the preliminary findings from the $56,000 marketing analysis that was approved by the board last month. From initial interviews with several focus groups who had different attitudes about milk, varied questions arose, explained Muschweck.

Concerns about nutrition were expressed in the interviews, but also such factors as resentment over having to drink milk as a youngster and the social acceptability of drinking milk in

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Awards are presented to DHIA producers and supervisors alike on Tuesday and Wednesday at the Annual Red Rose DHIA meetings. Here Lancaster DHIA members with high milk herds display their awards. From left, Kenneth and Thelma Garber, Guernsey; John and Susan Howard; Holstein; and Kerry Boyd, Brown Swiss.

Highs and lows for dairy industry

Lancaster DHIA holds meeting

BY WENDY WEHR
and
SALLY BAIR

LANCASTER — While Red Rose DHIA completed another successful year, with many awards for superior supervisors and outstanding herd averages, the larger economic picture does not look so bright for area dairymen.

At the Red Rose Annual DHIA Meeting, held Dec. 4 and 5, dairy extension agent Glenn Shirk reminded the dairy families that they'll need to "work smarter, not harder" in 1985.

Although area production changed very little from 1983 to 1984, pointed out Shirk, return over feed costs dropped a dramatic $200 per cow. For a 60-cow herd, this amounts to a nearly $12,000 cut in income per year.

"You can be appreciative and thankful that you are in a family business," said Shirk, "but today you must be a united family of dairymen who work together in a united way toward common goals."

He also reminded the DHIA members of the value of using their records. He particularly noted the deficiencies that were showing up for genetic improvement.

Of all the Lancaster County cows on test with sires identified, reported Shirk, the average predicted difference for milk was zero. And nearly 35 percent of the cows on test were not even identified by sire

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About $8,000 raised

2 calves help launch Remsburg Memorial Fund

LANCASTER — Kids and calves were as much a part of the life of A Doty Remsburg, of Jefferson, Md., as were dispersals and pedigrees.

And quite possibly they personally may have been a larger part.

As he traveled widely in the cow selling business throughout a six-state area, he spent as much time and effort on promoting and supporting farm youth activities as he did at sales and getting ready for them

On Thursday at the Guernsey Pavilion in Lancaster, two calves and a lot of friends and admirers of Doty and his youth work helped kick off a Memorial Fund that will help a lot of farm youth in coming years, particularly those who take part in dairy cattle judging.

John B Merryman, in explaining the purpose of the Memorial Fund, cited Doty ' as a great one to help young people "

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Denny and Helen Remsburg hold two calves that were sold and resold numerous times on Thursday to raise money for the A. Doty Remsburg Memorial Fund, which will be used for the benefit of farm youth.

PRV meeting set Friday

LANCASTER — A public meeting to review optional recommendations for a pseudorabies eradication and control program will be held at 1 p.m. Friday in the basement of the Lancaster Farm and Home Center.

Recommendations for a PRV program drawn up by a swine industry committee will be reviewed at the session. Additional suggestions concerning eradication and control will also be received from interested persons and groups at the session.

Following the public session, the draft of a PRV program will be submitted to the Pa. Livestock Association Animal Health Advisory Committee for further review. Eventually, it will be submitted to the Bureau of Animal Industry of the Pa. Department of Agriculture.

Participating in the Friday session will be Dr. George Beran, of the Iowa State Veterinary School, who is involved in the PRV pilot project in that state. His expenses to attend are being paid by the National Pork Producers Council.

Optional recommendations to be reviewed Friday will include those of the industry committee which was formed as part of the compromise with the state in which a moratorium was placed on forced depopulation until May 1. This committee includes pork producers, representatives of packers, markets and Extention, as well as veterinarians.

Anyone with interest in the PRV program is invited to the Friday session.

Farm Show Issue

HARRISBURG — Don't look now but the Pa. Farm Show is creeping up fast.

In a little over a month, the Farm Show Complex will be a beehive of activity as a record number of commercial exhibitors and livestock exhibitors rub elbows with the thousands of daily visitors.

Lancaster Farming's Annual Farm Show Issue will be published Saturday, Jan. 12. Activities get underway the next day and continue until Friday, Jan. 18.

Advertising deadline for the Farm Show Issue is Friday, Dec. 28. News deadline is Monday, Jan. 7.

Contact LANCASTER FARMING, P.O. Box 366, Lititz, Pa. 17543 or call (717) 626-1164 or (717) 394-3047.

Livestock market and auction news

Lancaster Market

Monday, Dec. 3, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	847	175	900	889
Last Monday	1289	157	1044	605
Last Year	1092	183	899	386
Monday's Auction	850	187	743	975
Last Monday's Auction	1171	164	1045	565

CATTLE: Compared to last Monday slaughter steers 1.00-1.50 lower, of fully steady with last Wednesday's small supply, heifers 50-1.00 lower, instances 1.50 lower; cows steady, instances 1.00 lower on Commercial; bullocks scarce; bulls 1.00-2.00 higher. Supply included 53% slaughter steers, 17% heifers, 20% cows, and 10% bulls.

SLAUGHTER STEERS: Choice 2-4 1050-1350 lb. 66.00-68.50, few 68.50-69.10; around 15 head Good and Choice 1-2 and Couple Prime 3-4 1175-1400 lb. 69.00-70.00; high Good and low Choice 2-3 1000-1400 lb. 62.75-66.25; Good 2-3 1000-1350 lb. 58.75-63.25; Good and Choice 1150-1350 lb. Holsteins 50.00-53.50, few Choice 53.50-55.00, Standard to low Good 1075-1550 lb. 44.75-49.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1100 lb. 60.00-62.50; few Choice 2 975-1100 lb. 62.75-65.75; Good 2-3 875-1075 lb. 55.00-60.00.

COWS: Breaking Utility and Commercial 2-4 36.50-39.50, few 39.50-41.00; Cutter and Boning Utility 1-3 34.00-38.50; Canner and low Cutter 31.00-34.25.

BULLOCKS: Few Choice 2-3 1050-1300 lb. 59.75-62.75; Good 1-2 1000-1300 lb. 54.00-58.00.

BULLS: Yield grade 1 1300-1900 lb. 50.00-53.75, couple 55.00-56.00; yield grade 2 1000-1450 lb. 46.50-50.00.

VEAL CALVES: Vealers steady to weak; few slaughter calves steady. Demand only fair for Holstein bulls to return to farm. Supply included 12 head Prime special fed bought to arrive at 110.00.

VEALERS: Choice 160-270 lb. 80.00-90.00; high Good and low Choice 160-280 lb. 60.00-75.00; 120-160 lb. 50.00-65.00, 80-115 lb. 35.00-45.00.

SLAUGHTER CALVES: Good and Choice 260-400 lb. 55.00-65.00.

RETURNED TO FARM: Few 95-120 lb. Holstein bulls 55.00-65.00.

SHEEP: Wooled lambs 1.00-3.00 lower; slaughter ewes steady. Supply included 294 goats.

WOOLED LAMBS: Choice and Prime 80-110 lb. 62.00-67.00, few 67.00-70.00; Choice 70-100 lb. 56.00-62.00; Good 55-90 lb. 50.00-56.00, with 40-60 lb. buck lambs 60.00-80.00; around 15 head Choice 30-45 lb. new crop lambs 125.00-137.00, with 15 head Good 25-40 lb. 90.00-125.00.

SLAUGHTER EWES: Utility and Good 15.00-28.00, mainly 18.00-25.00.

GOATS: All goats sold by the head; large mature mainly 50.00-60.00; medium sized 25.00-40.00, few 40.00-50.00; small, mainly kids 15.00-25.00, few 25.00-30.00.

Vintage Market

Tuesday, Dec. 4, 1984
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	807	914	29	1
Last Tuesday	756	1058	24	9
Last Year	932	954	16	0

CATTLE: Compared to last Tuesday slaughter steers 1.00-2.00 higher; slaughter heifers not fully tested; cows steady to 1.00 lower; bulls not fully tested. Supply included 30 percent slaughter steers and 61 percent cows.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1200-1375 lb. 73.75-74.85; few Good and Choice 1-2 1175-1375 lb. 72.50-74.25; Choice 2-4 1075-1375 lb. 68.50-72.00; high Good and low Choice 2-3 1000-1325 lb. 63.50-68.00; Good 2-3 1000-1250 lb. 61.50-64.00; Good and Choice 1200-1700 lb. Holsteins 54.00-55.60, couple Choice 58.50-61.75, Standard 48.75-52.00.

SLAUGHTER HEIFERS: Few Choice 2-3 1100-1450 lb. 65.00-67.00; few Good 2-3 950-1100 lb. 55.00-62.00.

COWS: Breaking Utility and Commercial 2-4 36.25-38.75, few 39.00-40.75; Cutter and Boning Utility 1-3 32.00-37.00, few 37.25-39.25; Canner and low Cutter 29.50-32.00.

BULLS: Few yield grade 1-2 1400-2280 lb. 46.00-48.75; individual Good 2 1285 lb. bullock 54.25.

VEAL CALVES: Insufficient volume Choice vealers for a market test, few sales steady; high Good and low Choice 55-110 lb. steady. Supply included 515 in graded sale of which 65 percent sold to return to farm.

VEALERS: Couple Choice 200-205 lb. 88.00-102.00, individual 145 lb. 83.00; high Good and low Choice 120-200 lb. 50.00-75.00, 80-110 lb. 40.00-46.00, 70-80 lb. 35.00-43.00, 55-70 lb. 25.00-37.00.

RETURNED TO FARM: 25 head 100-120 lb. Holstein heifers 64.50-65.00. 225 head 100-125 lb. Holstein bulls 72.00-83.00, 50 head 90-95 lbs. 65.00-67.00, few 85 lb. 44.00-48.00; 65 head small frame 90-105 lb. 43.00-47.00.

SHEEP: Insufficient volume to fully test trends. Couple Choice 85-115 lb. wooled lambs 62.00-66.00, few Good 65-105 lb. 51.00-59.00; Utility and Good slaughter ewes 12.00-18.00.

GOATS: No market test.

Lancaster Auction

Wednesday, Dec. 5, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	303	57	731	0
Last Wednesday	236	60	570	3
Last Year	555	32	534	5
Wednesday's Auction	134	59	605	0
Last Wednesday's Auction	126	60	541	3

CATTLE: Insufficient volume slaughter steers, heifers, and bulls for a market test, small supply cows mostly steady. Supply included 55 percent cows.

SLAUGHTER STEERS: Couple Choice 2-3 1200-1300 lb. 65.00-67.50; few head high Good and low Choice 2-3 1020-1200 lb. 62.25-65.00; couple Good 2-3 1150-1400 lb. 57.00-60.50.

COWS: Breaking Utility and Commercial 2-4 34.75-38.00; Cutter 1-2 32.50-35.50; couple 36.50-37.00; Canner and low Cutter 31.00-33.50.

BULLS: Few yield grade 1-2 1175-1700 lb. 46.00-50.00; individual yield grade 1 1125 lb. 55.75.

VEAL CALVES: Trend not fully tested; few sales high Good and low Choice 80-110 lb. 35.00-50.00, couple 130-140 lb. 60.00. Supply included 30 head Prime special fed bought to arrive on a dressed basis.

SHEEP: None.

New Holland Livestock

Thursday, December 6

CATTLE: 753. Compared to last Thursday small supply slaughter steers 1.00-2.00 higher; slaughter heifers mostly steady; cows steady to 1.00 lower; bullocks and bulls weak to 1.00 lower, instances 2.00 lower. Supply included 28 percent slaughter steers and 54 percent cows.

SLAUGHTER STEERS: Choice 2-4 1100-1375 lb. 68.00-71.25, few Good and Choice 1-2 1175-1325 lb. 71.50-72.75; high Good and low Choice 2-3 1075-1425 lb. 64.50-68.00; few Good 2-3 60.00-64.50; few Good to low Choice 1150-1350 lb. Holsteins 51.75-55.00; few Standard 46.50-49.50.

SLAUGHTER HEIFERS: Few head high Choice and Prime 2-4 1150-1325 lb. 66.00-68.00; Choice 2-3 920-1100 lb. 61.00-62.50; Good 2-3 54.25-58.75; few Good to Commercial 950-1200 lb. Heiferettes 43.50-50.00.

COWS: Breaking Utility and Commercial 2-4 38.00-40.00, few 40.00-41.00; Cutter and Boning Utility 1-3 33.50-36.75, several 37.00-38.75; Canner and low Cutter 30.00-33.50.

BULLOCKS: Good 2-3 1000-1250 lb. 53.50-56.75; couple Choice 2-3 1150-1250 lb. 61.50-62.00.

BULLS: Yield grade 1 1300-1900 lb. 47.75-50.00, couple 53.00-55.00; yield grade 2 1000-1350 lb. 45.00-47.50.

VEAL CALVES: 552. Vealers steady to 3.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 290-370 lb. 104.00-109.00; Choice 200-350 lb. 85.00-99.00; high Good and low Choice 160-300 lb. 56.00-80.00; Good 200-325 lb. 40.00-55.00; high Good and low Choice 120-160 lb. 48.00-74.00, 80-110 lb. 38.00-48.00, few 70-80 lb. 34.00-38.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 65.00-76.00, several 90-100 lb. 55.00-65.00.

SHEEP: 70. Wooled lambs firm to 3.00 higher; slaughter ewes weak to 4.00 lower.

WOOLED LAMBS: Choice 85-115 lb. 64.00-71.00; Good 70-90 lb. 55.00-62.00; few 50-65 lb. buck lambs 91.00-98.00, few 65-75 lb. 75.00-85.00.

GOATS: 15. All goats sold by the head, eight head 41.00-49.00, six head 22.00-30.00.

Lancaster County Weekly

Friday, Dec. 7
Report supplied by PDA

	Cattle	Calves
This Week	3200	1700
Last Week	3617	2116
Last Year	3986	1741

CATTLE: Slaughter steers 1.00-2.00 higher; slaughter heifers mostly steady, instances 1.00 lower; cows steady to 1.00 lower; bullocks scarce; bulls opened the week mostly steady, later sales weak to 1.00 lower, instances 2.00 lower. Supply included 29 per cent slaughter steers, 7 per cent slaughter heifers, 36 per cent cows, 6 per cent bulls with the balance feeders.

SLAUGHTER STEERS: Few High Choice & Prime 3-4 1275-1375 lbs. 73.75-74.85; Good & Choice 1-2 1175-1375 lbs. 71.50-74.25; Choice 2-4 1050-1375 lbs. 68.00-71.50; high Good & low Choice 2-3 1000-1425 lbs. 63.50-68.00; Good 2-3 1000-1250 lbs. 59.50-64.00; Good & Choice 1150-1700 lb. holsteins 51.75-55.50, couple Choice 58.50-61.75, Standard 1075-1550 lbs. 46.50-50.50, couple Choice 58.50-61.75, Standard 1075-1550 lbs. 46.50-50.50.

SLAUGHTER HEIFERS: Few High Choice & Prime 2-4 1150-1325 lbs. 66.00-68.00; Choice 2-3 900-1100 lbs. 60.00-62.50; few Choice Grade 2 975-1100 lbs. 62.75-65.75; Good 2-3 875-1075 lbs. 54.25-60.00; few Good to Commercial 950-1200 lb. heiferettes 43.50-50.00.

COWS: Breaking Utility & Commercial 2-4 36.25-40.00, few 40.00-41.00, Cutter & Boning Utility 1-3 33.50-37.00, several 37.00-39.25, Canner & low Cutter 29.50-33.50.

BULLOCKS: Few Choice 2-3 1050-1300 lbs. 59.75-62.75; Good 1-2 1000-1300 lbs. 53.50-58.00.

BULLS: Yield Grade 1 1300-2280 lbs. 47.75-53.75, couple 55.00-56.00; Yield Grade 2 1000-1450 lbs. 45.00-48.50.

VEAL CALVES: Vealers steady to 3.00 higher; slaughter calves steady. Demand fair for holstein bulls to return to farm.

VEALERS: High Choice & Prime 290-370 lbs. 104.00-109.00; Choice 200-350 lbs. 80.00-99.00; high Good & low Choice 160-300 lbs. 56.00-80.00; Good 200-325 lbs. 40.00-55.00; high Good & low Choice 120-160 lbs. 48.00-74.00, 80-110 lbs. 35.00-46.00, 70-80 lbs. 34.00-43.00, few 55-70 lbs. 25.00-37.00.

SLAUGHTER CALVES: Good & Choice 260-400 lbs. 45.00-52.00.

RETURN TO FARM: Bulk 100-125 lb. holstein bulls 65.00-83.00, several 90-100 lbs. 55.00-67.00, few small frame 90-105 lbs. 43.00-55.00

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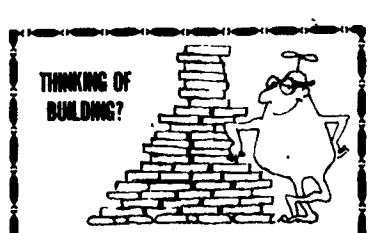

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HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, December 3
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts mostly steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.50-52.00, few 52.25-52.50. US 1 210-250 lb. 53.00-53.75, few 54.00-54.50. US 1-3 200-265 lb. 50.50-51.50. US 2-3 250-270 lb. 49.00-50.00, 275-280 lb. 45.00-46.50.

Tuesday, December 4

Today	120
Last Tuesday	144
Last Year	237

TREND: Compared to Monday, small supply barrows and gilts mostly steady.

BARROWS AND GILTS: US 1-2 200-250 lb. 51.50-52.50. US 1 Few 210-240 lb. 52.50-54.00. US 1-3 Few 210-265 lb. 51.00-51.50.

Wednesday, December 5

HOGS: Compared to Monday barrows and gilts mostly steady; sow trend not comparable.

BARROWS AND GILTS: US 1-2 200-250 lb. 51.50-52.00, few 52.00-52.85. US 1 210-245 lb. 53.50-53.75, few 53.75-54.25. US 1-3 200-260 lb. 51.00-51.50, Few 265-280 lb. 45.25-49.00. US 3 One lot 285 lb. 42.10.

SOWS: US 1-3 300-650 lb. 35.00-40.00, mainly 37.00-39.00.

Lancaster Feeder Pigs
Tuesday, December 4
Report supplied by USDA

Today	868
Last Tuesday	491
Last Year	759

TREND: Compared to last Tuesday feeder pigs 4.00-10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 37 head 20-26 lbs. 121.00-125.00; 75 head 30-39 lbs. 101.00-116.00; 220 head 40-49 lbs. 94.00-101.50; 90 head 46-49 lbs. 104.00-110.00; 75 head 50-59 lbs. 87.00-99.00; 25 head 50 lbs. 102.00; 44 head 60-75 lbs. 74.00-86.00.

US 2-3: 80 head 22-34 lbs. 106.00-125.00; 65 head 40-45 lbs. 77.00-85.00; 23 head 51-69 lbs. 71.00.

New Holland Feeder Pigs
New Holland, Pa.
Wednesday, December 5
Report supplied by USDA

Today	1237
Last Wednesday	637
Last Year	1003

Trend: Compared to last Wednesday feeder pigs 5.00-10.00 lower, extremes 20.00 lower on 25-40 lb. weights. Supply included about 200 head Utility and pigs sold as is. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 60 head 30-39 lbs. 89.00-98.00; 136 head 40-49 lbs. 90.00-96.00; 31 head 49 lbs. 84.00-86.00; 210 head 50-59 lbs. 79.00-89.00; 160 head 60-79 lbs. 69.00-77.00; 25 head 62 lbs. 85.00.

US 2-3: 40 head 23-29 lbs. 99.00-100.00; 69 head 30-36 lbs. 90.00-98.00; 89 head 40-49 lbs. 79.00-91.00; 36 head 50 lbs. 75.00; 41 head 62-68 lbs. 62.00-66.00.

US 3: 31 head 20-36 lbs. 81.00-90.00; 31 head 40-46 lbs. 60.00-68.00; 24 head 51 lbs. 51.00.

St. Louis Hogs
Thursday, December 6
Report supplied by USDA

4000. (Snow 12, with Wind Chill -28) Barrows & Gilts trading moderate to active; weights under 260 lb. 1.50 higher, over 260 lb. .50-1.00 higher in a light test.

BARROWS & GILTS: US 1-2 210-250 lb. 52.00-52.50; 250-260 lb. 51.75-52.00. US 1-3 200-250 lb. 51.50-52.00; 260-270 lb. 50.00.

SOWS: Steady-1.00 higher. (About 9%) US 1-3 300-500 lb. 40.50, over 500 lb. 41.00-43.00.

BOARS: Over 250 lb. 37.50; under 250 lb. 38.50.

Peoria Hogs
Thursday, December 6
Report supplied by USDA

2500. (Clear 4, with Wind Chill -36)Barrows & gilts active, 1.25-1.50 higher.

BARROWS & GILTS: US 1-2 210-250 lb. 51.50-52.00. US 1-3 200-250 lb. 50.50-51.50.

SOWS: 1.00-2.00 higher. (15%) US 1-3 350-500 lb. 40.50-41.00. 500-650 lb. 41.00-42.00.

New Holland Hogs
New Holland Sales Stables
Monday, December 3
Report supplied by USDA

Today	1703
Last Monday	1373
Last Year	1679

TREND: Compared to last Monday barrows and gilts 2.00-2.50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.00-52.00, few 52.00-52.25. US 1 210-245 lb. 53.50-56.00. US 1-3 200-260 lb. 50.00-51.00.

Indianapolis Hogs
Thursday, December 6
Report supplied by USDA

400 (Receipts curtailed due to first snow of season. 18, with Wind Chill -12) Barrows and gilts active, 1.00 higher in light test.

BARROWS & GILTS: US 1-2 220-250 lb. 52.00-52.25. US 1-3 Couple small lots 220-240 lb. 51.75.

SOWS: Active, not well tested; under 500 lb. steady-.50 higher; over 500 lb. steady-1.00 lower. (6%) US 1-3 few 330-490 lb. 39.50-40.00, package 610 lb. 44.00.

BOARS: Lot near 235 lb. 38.00; few 280-700 lb. 32.00-35.00.

North Jersey Livestock
Hackettstown, NJ
Tuesday, December 4
Report supplied by auction

Calves- 15.00-71.00.
Cows- 25.00-41.00.
Easy Cows- 20.00-33.25.
Heifers- 28.00-47.25.
Bulls- 34.75-46.75.
Steers- 28.00-59.50.
Hogs- .32-.53.
Roasting Pigs, each- 13.00-42.00.
Kids- 10.00-39.00.
Boars- .32-.53.
Sows- .25-.37.
Sheep- .11-.38.
Lambs, each- 11.00-52.00.
Lambs, per lb.- .26-.76.
Goats, each- 20.00-63.00.
Hides- 20.00.
Total- 1423.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)			
535,000	50,000	1,390,000	104,000
Same Pd. Lt. Wk. (Est.)			
554,000	48,000	1,398,000	104,000
Same Pd. Lt. Yr. (Act)			
562,000	51,000	1,491,000	105,000

Chicago Grain Futures

(Closing Bids as of Thursday, December 6)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Dec.	2.62¼	3.54½		149.60
Jan.			6.05	151.90
March	2.75¾	3.53	6.18¾	157.50
May	2.82½	3.47	6.31¼	162.20
July	2.86½	3.37¾	6.41¼	167.10
Aug.			6.42	168.00
Sept.	2.83¼	3.42		

Trends - Corn - Stronger; Wheat - Sideways; Soybeans - Stronger; Soybean Meal - Stronger.

Futures Trading

(Closing Bids as of Thursday, December 6)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Dec.	67.07	53.07	
Feb.	65.20	53.17	
April	67.27	48.72	
May			4.12
June	67.02		
July		52.47	
Aug.	65.20	49.67	
Oct.	63.30		

Trends - Cattle - Stronger; Hogs - Stronger.

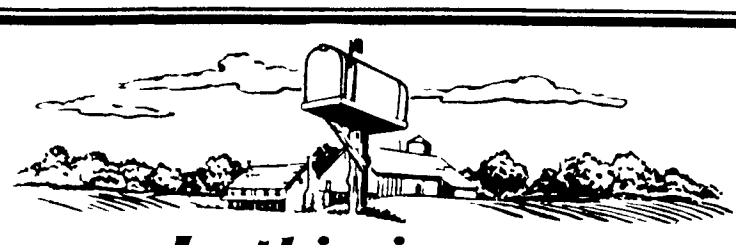
LAMB CONSIGNORS

An Important Notice

With Christmas on Tuesday, December 25, 1984, we recommend that your lambs for the Christmas trade be consigned on Monday, December 17, 1984. All lambs will be sold at auction beginning at 10:00 A.M. and will be sorted and weighed upon arrival.

KEEP IN MIND this Monday for consigning your lambs - December 17, 1984 - and your consignments are respectfully solicited. Sorting and weighing will begin at 5:00 A.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm Keeping Abreast With The Times



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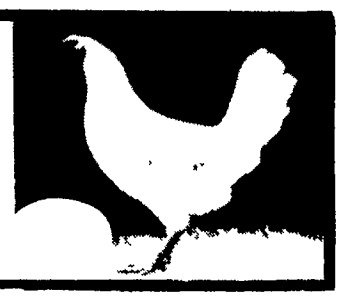
POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, December 4
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS. X	1.03-1.07	.98-1.00	81-.83	55-.57
Mostly	1.03	.98	.81	.55
N. HAMP.	.91-.95	.87-.91	.73-.77	.44- 48
Mostly	93-.94	.89-.90	75-.76	.46- 47
R.I.	94-1.00	.90-.96	.74-.80	45- 51
Mostly	.94-.95	.90-.91	74- 75	45-.46
VERMONT	.99-1.08	.94-1.04	79-.88	—
Mostly	1.08	1 04	.88	—
MAINE	.98-1.05	.94-1.01	80-.85	52- 56

X Includes Central and Western Sections only

New York Multiple Drop Broiler Report

Thursday, December 6
Report supplied by USDA

. Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .43½-.50.

Weighted AVG.: U.S. Grade A 47.86.

Premium (X) Boxes 12,278.

(X) Includes special services, selected competitive brands, etc.

Eastern Pa. & N.J. Poultry

Wednesday, December 5
Report supplied by USDA

Market Comment: Prices trended lower. Offerings of live were spotty for immediate deliveries but were starting to increase for shipment later in the month. Canner pack movement remains fairly good.

Prices Paid at Farm:

Light Type Hens: 12-14.

F.O.B. Plant: 15½-17, mostly 16-17.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, December 4
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .80-.96 per lb.

MUSCOVY DUCKS, HENS: range .40-.52 per lb.

PEKIN DUCKS: range .30-.46 per lb.

PULLETS: range .40-.64 per lb.

RED FOWL: 4-5 lbs. range .12-.26 per lb.

RED FOWL: 5-6 lbs. range .20-.32 per lb.

CROSSBRED FOWL: 5-9 lbs. range .15-.32 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.74 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .30-.78 per lb.

GUINEA FOWL: range 1.30-1.55 per lb.

BANTY ROOSTERS: range 1.50-2.75 ea.

BANTY HENS: range .25-.75 ea.

LEGHORN HENS: .08-.14 per lb.

LEGHORN ROOSTERS: .20-.32 per lb.

GEESE: 8-15 lbs. range .22-.60 per lb.

PIGEONS: range 1.25-1.60 ea.

WHITE PIGEONS: range 3.00-4.00 ea.

CHUCKERS: 3.60-3.90 ea.

DOVES: 1.75-3.00 ea.

RABBITS: 4-6 lbs. range .60-.82 per lb.

RABBITS: 7-11 lbs. range .30-.48 per lb.

BUNNIES: .50-1.50 ea.

GUINEA PIGS: range 1.00-3.25.

GOATS: range 17.00-45.00 ea.

KID GOATS: range 19.00-30.00 ea.

Total Numer Coops: 840.

Weekly New York Egg Market

From Friday, November 30 to Thursday, December 6

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.83	.83	81	.79	79
Ex. Large	.77	.77	.75	.73	73
Large	.75	.75	.73	.71	71
Medium	.68	.68	.68	.66	.66
Pullets	.52	.52	.52	52	52
Off Grade	.65	65	.64	64	64
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.96	.96	.94	92	92
Large	.93	.92	.90	.88	88
Mediums	.69	.69	.69	67	70
Pullets Unquoted					
Feewees Unquoted					
Off Grade					
Undergrades	.36	.36	.36	35	35
Checks	.34	34	34	33	33

Breaking Stock: Friday - 12.30-12.90, 12.60-13.50; Tuesday 12.30-12.60; Thursday - 12.00-12.60, 12.60-13.20.

Delmarva Poultry

Thursday, December 6
Report supplied by USDA

Market Comment: Movement on ready to cook whole birds was good today. Current production cleared easily, and some plants were having trouble filling orders. Legs and leg quarters were well cleared, while breasts and cutlets were in a better balance and enjoyed a somewhat improved call.

Slaughter schedules were moderately heavy. Live supplies were at least adequate. Weights had improved in some quarters, but weights were heavier than desired in total. Undertone firm.

Today's L.T.L. asking prices are unchanged on U.S. Grade A at .44-.50 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/6 1,977,000; Actual 11/29 1,888,000; Actual 12/4 1,930,000; Average Weights 12/4 4.35; Average Weights 11/27 4.42.

Philadelphia Eggs

Thursday, December 6
Report supplied by USDA

Market Comment: Prices were lower on extra large and large, unchanged on mediums. Cartoned egg orders continue to show an improvement over last week. However, most dealers indicated that the demand was not strong enough to work their heavy inventories down to satisfactory levels. Jumbos were adequate and orders were being filled. Extra large were adequate to ample and excess production was fairly easy to come by. Large was ample and easily available particularly in graded loose form. Mediums were irregular but fully adequate overall. Undertone was weak and unsettled.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .70-.75; A Large .69-.74; A Medium .62-.65.

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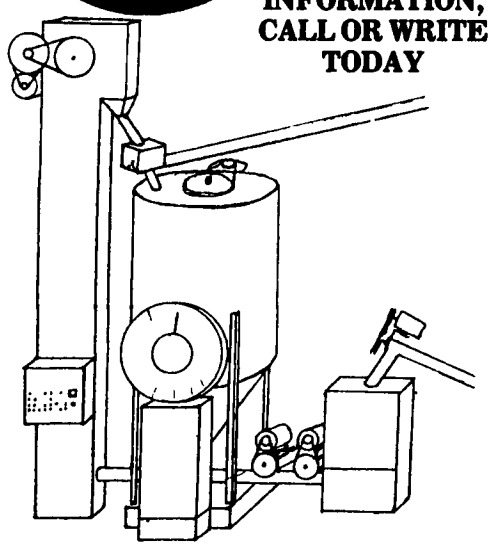

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BROILERS

SOYBEAN MEAL & MINERALS
VERSUS
PENNFIELD 38% CONCENTRATE

COMPARE - COST PER COW PER DAY

The Nutritional Requirements Are Based On A 1400 Lb. Milking Cow Producing 60 Lbs. Of Milk With A 3.8% Butterfat.

Soybean Meal & Mineral

	Crude Protein	Energy (NE_L)	Cost Per Unit	Cost Per Day
12 lbs. Alfalfa Hay	2.0 lbs.	6.5 lbs.	$110/Ton	$ .66
40 lbs. Corn Silage	1.1 lbs.	9.4 lbs.	$ 25/Ton	$ .50
18 lbs. New Ear Corn	1.4 lbs.	12.6 lbs.	$ 80/Ton	$ .72
4 lbs. 48% Soybean Meal	1.9 lbs.	3.0 lbs.	$189/Ton	$ .38
5½ Ounces Vitamin-Mineral Premix	—	—	$23.50/50 lb. Bag	$ .16
Total Per Day	6.4 lbs.	31.5 lbs.		$2.42

Pennfield 38% Concentrate

12 lbs. Alfalfa Hay	2.0 lbs.	6.5 lbs.	$110/Ton	$ .66
40 lbs. Corn Silage	1.1 lbs.	9.4 lbs.	$ 25/Ton	$ .50
16½ lbs. New Ear Corn	1.2 lbs.	11.6 lbs.	$ 80/Ton	$ .66
5½ lbs. #538 Concentrate	2.1 lbs.	4.0 lbs.	* $216/Ton	$ .59
Total Per Day	6.4 lbs.	31.5 lbs.		$2.41

* PENNFIELD 38% IS AN ALL NATURAL PROTEIN SUPPLEMENT WHICH CONTAINS ALL THE NECESSARY VITAMINS AND MINERALS. PRICES ARE EFFECTIVE 12/3/84 AND INCLUDES 4 TON VOLUME DISCOUNT AND CASH DISCOUNT OF 2½% DUE 10 DAYS.

PENNFIELD DAIRY PROGRAM BENEFITS

- "NO CHARGE" FOR ROUGHAGE TESTING
- CUSTOMIZED FEEDING PROGRAM
- LOCAL NUTRITIONAL STAFF
- BULK FEED ORDERS DELIVERED WITHIN 24 HOURS.
- HIGHLY TRAINED DAIRY SPECIALISTS
- 2½% CASH DISCOUNT DUE 15th OF FOLLOWING MONTH

For More Information - Call Toll Free

From PA
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From MD & DE
1-800-233-0202

pennfield feeds

Quality - Performance - Service

Frederick County Hay

Buckeystown, Md.
Thursday, December 6
Report supplied by auction

36 lds. Market steady to uneven.

Alfalfa, 7 lds. fr.-gd., 105.00-150.00, 5 lds. fr., some damaged, 70.00-80.00; Timothy, 3 lds. fancy, 125.00-130.00; 5 lds. fr.-gd., 84.00-105.00.

Mixed Hay, 4 lds. fr.-gd., 69.00-130.00; Clover Hay, 1 ld., 79.00; Orchard Grass, 1 ld., 68.00.

Straw, 5 gd., 98.00-125.00.

Firewood, 3 lds. gd. hardwood, 74.00-80.00 cord, 2 lds. Mixed Wood, 60.00-68.00.

King's Auction

Kirkwood, Pa.
Tuesday, December 4
Report supplied by Auction

Alfalfa, 92.00-137.00; Timothy, 103.00-111.00; Mixed Hay, 86.00-110.00; Corn Fodder, 40.00; Straw, 75.00.

Note: No sale Christmas or New Year's Day.

Keister's Hay

Keister's Middleburg Auction
Tuesday, November 27
Report supplied by auction

Mixed Hay, 70.00-145.00; Straw, 57.00-72.50; Firewood, 36.00-52.00/pickup load.

Keister's Hay

Keister's Middleburg Auction
Tuesday, December 4
Report supplied by auction

24 loads; Alfalfa, 97.50-105.00; Mixed Hay, 70.00-110.00; Mulch Hay, 42.50-47.50; Straw, 75.00-100.00; Ear Corn, 62.00-72.50; 8 loads 37.50-117.50.

Regional Hay

Friday, November 30
Report supplied by PDA

(All Hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay and Straw steady to strong.

Alfalfa 85.00-110.00; Mixed Hay 75.00-90.00, few, reported 100.00; Timothy Hay 70.00-90.00, few reported 100.00; Straw 65.00-90.00; Mulch 25.00-40.00.

Green Dragon Hay

Friday, November 30
Report supplied by PDA

72 Loads Hay, 23 Loads Straw and 6 Ear Corn.

Alfalfa 94.00-125.00, one Load 134.00; Mixed Hay 60.00-129.00, mostly 79.00-117.00; Timothy Hay 63.00-127.00, mostly 75.00-102.00; Clover One load 84.00; Orchard Grass Few 63.00-99.00; Straw 90.00-119.00, One Load 79.00; Ear Corn 73.00-80.00; Stubble Hay, Few 53.00-80.00.

New Holland Hay

New Holland Sales Stables
Monday, December 3
Report supplied by auction

143 loads. Prices on Hay and Straw lower due to rain; most loads were wet.

Alfalfa, #1 quality, few up to 136.00, #2, 90.00-120.00, #3, 78.00-90.00.

Alfalfa & Timothy, #1 grade, 2 lds., 120.00, 134.00.

Clover Timothy mix, grade 2, 80.00-100.00, #3, 65.00-80.00.

Timothy, #1, 101.00-121.00, #2, 85.00-100.00, #3, 69.00-85.00; Clover, 65.00-90.00; Straw, #1, few 100.00-115.00, #2, 77.00-100.00, #3, 58.00-75.00.

Ear Corn, new, 70.00-80.00; Corn Fodder, 53.00-56.00; Soybean Stalks, 55.00.

Sm. ld. wood, 40.00.

Pa. Grain

Monday, December 3
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA. Corn steady to 5 cents lower. Wheat, Barley & New Ear Corn mostly steady. Oats steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.65-2.95, average 2.79, New Crop* 2.87-2.90; Wheat No. 2 range 3.40-3.90, average 3.67, New Crop* 3.30-3.45; Barley No. 3 2.20-2.40, few reported 2.00, average 2.29, New Crop* 2.00; Oats No. 2 1.80-2.05, average 1.95; Soybeans No. 1 5.75-5.85, average 5.79; Gr. Sorghum #2 range 2.25, average 2.25; New Ear Corn range 62.00-70.00, average 64.64.

Central Pennsylvania

Corn No. 2-y range 2.65-2.85, average 2.76; Wheat No. 2 range 3.30-3.60, few reported 3.00, average 3.38; Barley No. 3 range 2.30-2.50, few reported 2.10, average 2.33; Oats No. 2 range 1.70-2.00, average 5.51; Gr. No. 1 5.40-5.64, average 5.51; Gr. Sorghum #2 range 2.50, average 2.50; Buckwheat range 8.15-8.90, average 8.62; Old Ear Corn range 78.00-100.00, average 88.00; New Ear Corn range 54.00-60.00, average 57.10.

South Central Pennsylvania

Corn No. 2-y range 2.60-2.70, few reported 2.90, average 2.68; Wheat No. 2 3.00-3.25, few reported 3.60, average 3.21; Barley No. 3 2.20-2.40, few reported 2.60, average 2.39; Oats No. 2 range 1.85-2.10, average 1.97.

Western Pennsylvania

Corn No. 2-y range 2.68-2.90, average 2.78; Wheat No. 2 range 3.00-3.60, average 3.21; Barley No. 3 range 2.35, average 2.35; Oats No. 2 range 1.70-2.35, mostly 1.90-2.10, average 1.97; Buckwheat range 8.00, average 8.00; New Ear Corn range 55.00-58.00, average 56.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.65-2.95, average 2.76; Wheat No. 2 3.20-3.85, average 3.46; Barley No. 3 range 2.10-2.50, average 2.33; Oats No. 2 range 1.80-2.05, average 1.90; New Ear Corn 52.00-70.00, average 59.86.

Carlisle Livestock

Carlisle, Pa.
Tuesday, December 4
Report supplied by auction

CATTLE: Steers: Mostly Holsteins offered, 1.00 lower on Good run. Choice none offered; Good 58.25-59.75; Medium 57.00 down. Heifers: Good 50.00-54.75; Medium 44.00-49.00; Utility 32.75-40.00. Cows: 2.00 lower. High Yield 36.25-37.25; Average 34.00-36.00; Big Middle 32.00-36.00; Shelly 32.00 down. Fat Bulls: 2.00 lower; Medium to 43.75.

FEEDER CATTLE: Good run, strong demand for Choice and Good cattle. Steers(300-550 lb.) 1.00 to 2.00 higher. Choice 57.00-60.00; Good 50.00-56.00; Medium 45.50-49.00. Steers (600-850 lb.) 1.00 higher. Good 53.00-56.00; Medium 43.50-49.00. Heifers (all weights) 1.00 higher. Choice 45.00-47.00; Good 40.00-44.00; Medium 36.00-40.00. Bulls (all weights) Medium 35.50-44.00.

VEAL CALVES: Choice 70.00-77.00; Good 60.00-69.00; Medium 50.00-59.00; Light/weak 49.00 down. Farm Bulls 67.00-79.00. Farm Heifers 74.00-79.50.

HOGS: Barrows & Gilts 1.00 higher. 210-250 lbs. 47.10-53.60; over 260 lb. 51.25-51.50; Under 190 lb. 43.50-44.10.

SOWS: Over 450 lb. 38.75-52.50, under 450 37.00-38.00; 2&3's 31.75-35.75.

FEEDER PIGS: (by the head) (20-25 lbs. 18.00-23.50) (25-35 lbs 21.00-27.00) (40-60 lbs. 35.00-40.00)

SHEEP: Lambs. 3.00 higher Choice 59.00-65.00; Good 54.00-58.00; Med 53.00 down. Ewes 15.00-18.00 lb. Goats: (Lg) 39.00-44.00 (hd); Sm./Med. 14.00-30.00 (hd).

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
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Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES

SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, December 5
Report supplied by USDA

Compared to Tuesday's 4:00 report: Choice 600-900 lb. Steer carcasses not well established. Choice Heifers steady in a thin test. Demand fairly good. Packers bullish on limited offerings.

The gross boxed beef carcass cut out value declined $.15 to an estimated $101.36 per cwt., 187 loads boxed cuts reported.

Sales reported on 38 loads of Steer and Heifer Carcasses.

Steer Beef
22 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 100.00; 600-750 lbs. 100.50; 600-700 lbs. 100.00.

Choice 2 600-700 lbs. 101.00.

Good 2 and Low 3 600-700 lbs. 97.50-98.00, bulk 98.00.

Heifer Beef
16 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 97.00-98.00, steady; 600-700 lbs. 97.00; 500-550 lbs. 95.00; 400-500 lbs. 93.00.

Choice 2 600-700 lbs. 98.00-98.50.

Good 2 & Low 3 600-700 lbs. 95.50-96.00, bulk 96.00.

Steer and Heifer
Primal Cuts
14 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 106.00-107.00.

Good and Choice 2-3: Short Plates 60.00.

Choice 3 400-500 lbs. 93.00.

Central U.S. Carlot Beef Report (Includes major production areas in the Midwest and Texas-Oklahoma Panhandle) as of 4:00.

Correction on Bnls Beef

Cow Beef
21 Loads
FOB Omaha Basis

Midwest - Limited test steady to $1.00 lower early.

Eastern Texas and Oklahoma - Prices steady to $1.00 lower early. Demand light to moderate with packers firm on offerings. Snow in Northern Texas and Oklahoma causing some anticipation of reduced supplies.

Sales In The
Midwest
Production Area
FOB Omaha Basis

Brkg Util 2-3 450&up lbs. 62.50; Cutter 1-2 350&up lbs. 65.00.

Sales In Eastern
Texas and Oklahoma
Production Areas

Bng Util 1-3 400&up lbs. FOB Plant 64.50-65.50, LTD 66.00; Delivered Plant 65.50-66.50, LTD 67.50.

Cutter 1-2 350&up lbs. FOB plant 67.00-67.50; Delivered Plant 67.50-68.50.

Bull Beef
1 Load
FOB Omaha Basis

Bull 1-2 500&up lbs. 76.00.

Boneless Processing Beef
Beef Trimmings
118 Loads
FOB Omaha Basis

90% Chem Lean Fresh 93.50-94.00, mostly 94.00.

50% Chem Lean Fresh 50.00-51.50, bulk 50.00.

50% Chem Lean Frozen 52.00-53.00.

Eastern Texas and
Oklahoma
Production Areas
FOB Plant

90% Chem Lean Fresh 95.00-97.00, bulk 96.00.

*** 90% Chem Lean Frozen *****97.00-97.50,***** few 98.00.

85% Chem Lean Fresh 89.00.

Central U.S. Carlot

Pork Report
Wednesday, December 5
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. $2.00 to $2.50 higher, 17-22 lbs. firm; Retail Trim 14-17 lb. Loins steady. Picnics 8&up lbs. steady. Boston Butts uneven, 4-8 lbs. $1.00 to $3.00 higher, 8&up lbs. weak. Skinned Hams $1.50 to $4.00 higher. Sdls Bellies steady to $1.50 higher. Trade moderate for moderate offerings and moderate to good demand. U.S. No. 1&2 165 lb. Pork Carcass cut out value advanced $.23 to $.79 per cwt.

Sales reported on 69 loads of Fresh Pork Cuts & 5 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS (Regular): 14-17 lbs. 86.00-87.50, 2.00-2.50 higher; 17-20 lbs. 85.50, no comparison; 17-22 lbs. 85.00, PL 81.50, firm; 22&up lbs. 73.50, no comparison.

LOINS (Retail Trim): 14-17 lbs. 97.00 Short Cut, steady.

PICNICS: 8&up lbs. 45.00, steady w/Friday.

BOSTON BUTTS: 4-8 lbs. 63.00-65.00, 1.00-3.00 higher than Friday; 8&up lbs. 58.00, weak w/Monday.

SPARERIBS: 3.5&down lbs. 107.00-109.00 frozen, no comparison.

HAMS (SKINNED): 14-17 lbs. 104.00, no comparison; 17-20 lbs. 95.50-98.00, 1.50-4.00 higher; 20-26 lbs. 89.00-89.50; 2.00-2.50 higher; 26/up lbs. 72.00, no comparison.

BELLIES (Sdls - Skin On): 12-14 lbs. 64.00-64.50, 1.50 higher; 14-16 lbs. 64.00-64.50, 1.50 higher; 16-18 lbs. 62.50, steady-1.00 higher; 20-25 lbs. 49.00-50.00, steady-1.00 higher.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Fresh 33.00-33.50, no comparison.

42% Lean Trimmings Frozen 36.50 boxed, no comparison.

72% Lean Trimmings Fresh 65.00-66.00, 2.00-2.50 lower.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, Dec. 6
Report supplied by PDA

CATTLE: 302. Compared with last Thursday's market: Sl. cows .25-1.50 higher. Sl. steers: few Gobd 55.50-60.75, few Standard 43.85-53.00. Sl. heifers: couple Choice 58.25 & 59.75, few Good 55.75-56.25, few Standard 38.50-41.75. Sl. cows: Breaking Utility & Commercial 34.85-39.10, Cutter & Boning Utility 33.10-37.10, Canner & low Cutter 29.85-34.00, shells down to 25.00. Sl. bulls: few Yield Grade 1 1245-2030 lbs. 41.85-45.75.

CALVES: 379. Vealers 3.00-6.00 higher. Few Choice 72.00-85.00, Good 60.00-68.00, few Standard & Good 110-125 lbs. 51.00-56.00, 70-105 lbs. 43.00-53.00, Utility 60-90 lbs. 33.00-43.00.

FARM CALVES: Hol. bulls 90-130 lbs. 52.00-92.00, mostly 70.00-85.00; few Hol. heifers 90-120 lbs. 55.00-61.00.

HOGS: 70. Barrows & Gilts 2.00 higher. US 1-2 210-230 lbs. 52.10-52.50, 3 head 53.35; few lots 1-3 210-230 lbs. 52.00-52.10; Sows US 1-3 220-525 lbs. 37.00-44.00, one at 46.00; Boars few 31.00-31.50.

FEEDER PIGS: 20. Not enough of any one grade to establish a market.

SHEEP: 16. Choice 85-105 lb. wooled sl. lambs 59.50-61.00; Sl. ewes few 22.00-30.00; Goats 3. few Medium 10.00-27.00 per head.

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Fri., Dec. 14th
1:30 P.M.
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Evenings Jim 249-2359

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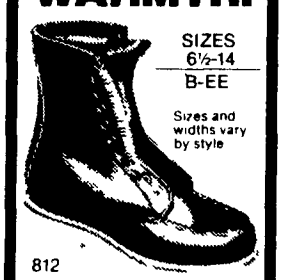
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CLOSED WEDNESDAYS

THE OLD FARMER'S ALMANAC

DEC. 10-16, 1984

A welcome thaw turns blustery and raw.

Seed and nursery catalogues are in the mail now Average length of days for the week, 9 hours, 7 minutes Last quarter of the moon Dec 15 (Sat) Emily Dickinson born Dec 10, 1830 New Hampshire's Dublin Lake froze over Dec 12, 1977 Dartmouth College chartered Dec 13, 1769 *Argo Merchant* oil spill occurred Dec 15, 1976 *Everything has an end, except a sausage, which has two*

Ask the Old Farmer: I have recently acquired a handsome pair of old snowshoes My problem is with the webbing, which is very dry and brittle Some of the strands are breaking away from the wood edges How should I go about preserving this old leather so I may continue to use the shoes? J D O, Menden, N H

Since the webbing is dry enough to break, I doubt if you can save it But try heating petroleum jelly just a little and rubbing it into the bindings with a piece of terry cloth Let them set for a day or two, then apply a good coat of saddle dressing

Home Hint: Line the bottom of a cake pan with parchment paper to prevent the batter from absorbing fat and forming a soggy bottom while baking

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week warm with light rain, midweek cold, with snow north and showers south; end of week brings severe cold

Greater New York-New Jersey: Cold temperatures and partly cloudy skies at start of week, midweek seasonable, end of week cold with rain, snow in mountains

Middle Atlantic Coastal. Partly cloudy and cold, with sprinkles north at week's beginning, seasonable by midweek, end of week cold with rain, snow in mountains

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Westminster Livestock Auction

Westminster, Pa.
Tuesday, November 27
Report supplied by auction

SLAUGHTER COWS: Steady prices. High Yield to 40.25; Utility 35.00-39.50; Canners 32.00-36.00; Shelly 31.00 down. Bulls- Medium to Good 39.75-42.00. Fed Steers- Good to Low Choice 61.00-63.50; Standard 42.75-47.25. Fed Heifers- Few Choice to 62.00. Veal Calves- Good to Low Choice. 130-170 lbs. 59.00-70.00; Killers 80-110 lbs. 40.00-46.00; Weak/Rough 20.00 down. Farm Calves- Holstein Bulls 95-125 lbs. 55.00-70.00; Holstein Heifers 100-120 lbs. few to 58.00; Butcher Hogs- US 1&2; 215-240 lb. 51.00-51.50; 270-280 lb. 47.00-48.00. Sows- Large run. 500-700 lb. 42.00-44.75; 300-500 lb. 38.00-44.50. Boars- 400-650 lb. 34.75-35.25.

STOCK CATTLE: Steers 300-850 lb.- Good to Choice 50.00-54.50; Medium to Good 45.00-50.00; Holsteins 35.00-40.00. Heifers 300-500 lbs.- Choice 41.00-47.00; Good 36.00-40.00. Bulls 300-500 lbs.- Good 45.00-51.00. Lambs- Choice 90-95 lbs. 56.00-59.00; Yearlings 20.00-27.00. Sheep- 13.00-20.00. Goats- Strong demand. Large 40.00-57.50; Kids 15.00-31.00. Pigs & Shoats- 100 head. $3.00 higher. By the Head: 18-25 lbs. 14.00-21.00; 30-45 lbs. 24.00-33.00; 1 lot 82 lbs. 41.00. By the Lb.: 120-180 lb. 41.00-45.50. Stock Boars- 190-260 lb. 38.00-39.00. Hay- 7 loads. Fancy Alfalfa 2.75 per bale; Fair to Good Alfalfa 70.00-87.00 per ton; Timothy 107.00 per ton; New Ear Corn 71.00 per ton.

G & M Livestock

Duncansville, Pa.
Monday, December 3
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 60.00-65.60, Good 54.00-60.00, Standard 48.00-50.00, Utility 42.00-48.00. Heifers- Choice 60.00-65.00, Good 52.00-60.00, Standard 44.00-52.00, Utility 36.00-44.00. Cows- Choice 36.00-38.00, Good 32.00-36.00, Standard 30.00-32.00, Utility 28.00-30.00, Cutters 26.00-28.00, Canners down to 22.00. Bulls 1200-2050 lbs. 42.00-48.00, 900-1200 lbs. 40.00-47.00.

FEEDER CATTLE: Steers- Choice 300-600 lbs. 50.00-62.00. Heifers- Choice 300-600 lbs. 46.00-56.00, Medium and Good 300-600 lbs. 42.00-50.00.

CALVES: Vealers- Prime and High Choice 65.00-75.00, Good and Choice 50.00-65.00, Standard 40.00-50.00, Utility down to 30.00. Farm Calves- Holstein Bulls 90-120 lbs. 60.00-78.00, Heifers 90-120 lbs. 50.00-62.00.

HOGS: Barrows and Gilts 210-260 lbs. 49.00-53.20, 170-300 lbs. 42.00-50.00. Sows 300-600 lbs. 42.00-50.25. Boars 28.00-33.00.

FEEDER PIGS: 25-35 lbs. 15.00-22.00 per head, 35-50 lbs. 22.00-30.00.

SHEEP: Slaughter Lambs 90-114 lbs. 50.00-62.00. Ewes & Lambs up to 64.00 per head. 1 Spring Lamb 50 lbs. 1.05. Goats 12.00-48.00.

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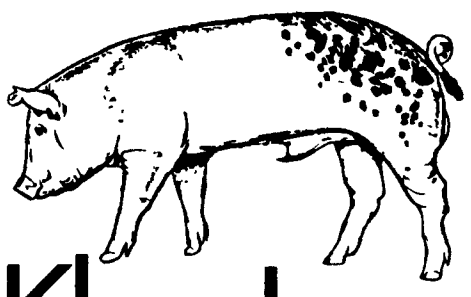

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ON THE FARM MONTHLY
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Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head

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23 Head due between Jan. 2 - Jan. 15
plus 14 2nd litter due between
Dec. 29 - Jan. 11

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R.D. 1, Kirkwood, Pa

Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE JANUARY 18

VIRGINIA MARKETS

Livestock market and auction news

Virginia Auction Summary

November 29-December 5
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 9,006.
Trend: Steady to 2.00 lower.

South & Southwest Va.
November 29-December 5
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 55.00-68.50, 500-700 lbs. 55.00-64.50, 700-1000 lbs. 53.50-62.00. Large 1 300-500 lbs. 47.50-49.50, 500-700 lbs. 57.00-65.00, 700-1000 lbs. 57.50-62.00. Small 1 300-500 lbs. 52.00-65.00, 500-700 lbs. 40.00-62.00, 700-1000 lbs. 57.00-62.00.

HEIFERS: Medium 1 300-500 lbs. 43.00-54.00, 500-700 lbs. 44.00-53.00, 700-900 lbs. 44.00-52.00. Large 1 300-500 lbs. 44.00-54.50, 500-700 lbs. 47.25-53.50, 700-900 lbs. 46.50-53.00. Small 1 300-500 lbs. 40.00-53.00, 500-700 lbs. 39.00-49.00, 700-900 lbs. 43.00-45.00.

Northern Va. Auction Summary
November 29-December 5
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 52.50-64.50, 500-700 lbs. 51.00-63.00, 700-1000 lbs. 51.25-60.50. Large 1 300-500 lbs. 54.50-61.00, 500-700 lbs. 55.50-67.00, 700-1000 lbs. 52.50-60.25. Small 1 300-500 lbs. 46.00-58.00, 500-700 lbs. 48.50-55.00.

HEIFERS: Medium 1 300-500 lbs. 38.00-49.50, 500-700 lbs. 46.25-54.00, 700-900 lbs. 43.00-54.00, Large 1 300-500 lbs. 43.00-50.75, 500-700 lbs. 45.00-50.75. Small 1 300-500 lbs. 45.00-50.25, 500-700 lbs. 35.50-48.00, 700-900 lbs. 42.00-50.00, 700-900 lbs. 44.00-50.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, December 1
Report supplied by auction

FEEDER CATTLE: Trend-Steers 2.00 lower, Heifers 2.00 lower, Bulls steady. Steers- M&L-1 300-500 lbs. 53.50-61.00, 500-700 lbs. 55.00-61.00, 700-1000 lbs. 52.75-59.00; S-1&M&L-2 300-500 lbs. 46.00-54.00, 500-700 lbs. 51.00-52.50, 700-1000 lbs. 44.50-51.50. Feeder Bulls- M&L-1 300-500 lbs. 48.00-54.50, 500-700 lbs. 40.50-49.00; S-1&M&L-2 300-500 lbs. 47.00-49.00, 500-700 lbs. 35.00-46.00. Heifers- M&L-1 300-500 lbs. 40.50-50.75, 500-700 lbs. 43.00-50.00, 700-800 lbs. 43.00-47.50; S-1&M&L-2 300-500 lbs. 37.00-40.00, 500-700 lbs. 37.00-42.00.

STOCK COWS: Baby Calves 10.00-75.00, mostly 30.00-60.00.

SLAUGHTER CATTLE: Steers-Good 2-3 60.50-61.35; Heifers- Good 2-3 48.25-55.00.

SLAUGHTER COWS: Trend 2.00 lower. Utility & Commercial 2-4 30.00-36.75, few 39.00-42.00, Canners & Cutters 1-3 24.00-29.00.

SLAUGHTER BULLS: 1&2 35.00-41.75.

LAMBS: Trend- .50 higher. High Choice & Prime 63.50, Choice 60.50, Feeder Lambs Choice 59.00, Slaughter Ewes 10.00-12.50, Head Ewes 30.00.

HOGS: US1-3 200-240 lbs. 50.35.

SLAUGHTER CALVES: Good & Choice 39.00-49.00.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, December 3
Report supplied by PDA

CATTLE 448. Compared with last Monday's market, Few Choice slaughter steers 63.50-67.25, Few Good 58.50-62.00, Standard 51.50-56.00, Utility 47.00-52.00. Few Choice slaughter heifers 62.00-62.50, Few Good 51.00-56.00, Standard 44.50-51.50, Utility 38.00-43.00. Breaking Utility & Commercial slaughter cows 35.00-38.00, Few 39.00, Cutter & Boning Utility 33.00-36.00, Canner & Low Cutter 27.00-33.50, Shells down to 20.00. Standard couple 45.00 & 46.50. Yield Grade No. 1, 1250-1800 lbs. slaughter bulls, 42.00-47.00, Yield Grade No. 2-950-1400 lbs. 37.00-42.50.

FEEDER CATTLE: Steers Medium Frame #1, 300-600 lbs. 55.00-65.00, Few Small Frame #1 400-600 lbs., 48.00-53.50; Heifers Medium Frame #1 350-550 lbs. 46.00-51.00, Medium Frame #2 300-450 lbs. 39.50-44.75; Bulls Medium Frame #1 400-600 lbs. 52.00-58.00.

CALVES 337. Prime Vealers 95.00-99.00, Few Choice 80.00-85.00, Good 62.00-76.00, Standard & Good 90-120 lbs. 42.00-50.00, 60-85 lbs. 35.00-43.00, Utility 50-90 lbs. 20.00-30.00.

FARM CALVES: Holstein bulls 90-130 lbs. 60.00-79.00.

HOGS 167. US No. 1-2 200-245 lbs. barrows and gilts 49.75-50.75, Few couple Small Lot 51.75, No. 1-3 195-260 lbs. 48.50-49.50, Few No. 2-3 210-240 lbs. 47.00-48.00, Few No. 1-3 120-140 lbs. 41.00-44.00. Sows: US No. 1-3 300-550 lbs. sows 40.50-43.25, No. 2-3 350-650 lbs. 38.00-41.00. Boars 33.00-34.25.

FEEDER PIGS 15. Few US No. 1-3 Lot 43 lbs. feeder pigs 24.00 per head, Few No. 1-3 20-25 lbs. 15.00-18.00 per head.

SHEEP 155. High Choice & Prime 75-90 lbs. 65.00-68.75, Choice 85-96 lbs. 61.00-63.25, Good 68-70 lbs. 48.00-50.00. Slaughter Ewes 15.00-18.75. GOATS 9: 12.00-34.00.

Indiana Livestock

Homer City, Pa.
Thursday, Dec. 6
Report supplied by PDA

CATTLE: 196. Compared with last Thursday's market sl. cows .50-1.00 higher. Sl. steers: one Prime at 67.50, few Choice 64.25-66.00, Good 56.25-62.00, one at 63.50, few Standard 52.00-53.25, few Utility 44.75-50.50. Sl. heifers: Choice 60.75-65.00, Good 53.00-58.75, Standard 45.00-53.25. Sl. cows: Breaking Utility & Commercial 36.00-40.25, one at 42.25, Cutter & Boning Utility 33.00-37.50, Canner & low Cutter 27.50-33.00, shells down to 24.00, Standard one at 52.00. Sl. bulls: Yield Grade 1 1070-1500 lbs. 42.50-44.00, few Yield Grade 2 1050-1825 lbs. 39.00-41.75.

FEEDER CATTLE: Steers Large Frame No. 2 680-1040 lb. holsteins 33.00-36.75; Bulls few Medium & Large Frame No. 1 470-525 lbs. 45.50-52.00.

CALVES: 129. Vealers fully steady. Choice 2 69.50 & 70.00, few Good 59.00-63.50, Standard & Good 90-125 lbs. 43.00-50.00, 60-85 lbs. 35.00-45.00.

FARM CALVES: Hol. bulls 100-135 lbs. 60.00-76.00.

HOGS: 136. Barrows & Gilts 1.50-2.00 higher. US 1-2 230-255 lbs. 54.50-55.50, 1-3 205-225 lbs. 52.00-53.00, one lot 1-3 122 lbs. at 44.50; Sows steady. US 1-3 375-625 lbs. 41.00-46.00; Boars 27.00-32.00.

FEEDER PIGS: 19. One lot 1-3 30 lbs. at 19.00, one lot Utility 15 lbs. at 8.00.

SHEEP: 19. Few Choice & Prime 65-75 lbs. 56.25-60.00, few Good 70-80 lbs. 43.50-49.50; Sl. ewes: couple 10.50.

East Coast Carlot

Wednesday, December 5
Report supplied by USDA

Compared to Tuesday's close: Prime Special Fed Veal steady to 3.00 higher. Good and Boning Veal generally steady; inshipped steady to weak in limited comparison. Lamb slow to develop, undertone uneven; 55 lbs. down Carcasses firm indications, 55-75 lbs. steady to weak with last week. Boneless Beef untested, weak undertone indicated.

Veal Beef
Prime (Special Fed)
Hide On 220 Head

220-280 lbs. 150.00-155.00, steady-3.00 higher.

Good & Choice
Boning Type
Hide On

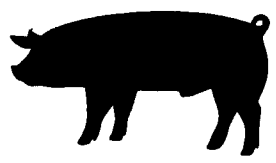
NORTHEASTERN SUPPLIERS: 65-75 lbs. LTD 78.00, generally steady; 55-64 lbs. LTD 76.00; 45-54 lbs. LTD 74.00; 35-44 lbs. LTD 72.00; 34 lbs. down LTD 70.00.

INSHIPPED: No test.

Beef Trimmings

71-80 lbs. 75.00-78.00, steady-weak; 61-70 lbs. 73.00-76.00; 51-60 lbs. 71.00-74.00; 41-50 lbs. 69.00-72.00; 30-40 lbs. 67.00-70.00.

BUY VIRGINIA'S BEST FEEDER PIGS



Tappahannock Feeder Pig Association
State Graded Sale

Tappahannock Livestock Market
Monday, December 17, 1984
At 3:00 P.M.

Sale Every 3rd. Monday Tel-O-Auction

For Additional Information Contact:
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or
Rosser Cobb - Marketing Agent - VDACS --
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What will be effect of biotechnology

ALBANY, N.Y. – With the advent of biotechnology, agriculture is on the brink of a new era. Yet, just what influences new technologies will have on agriculture and society remain to be seen.

"Although recent advances in biotechnology suggest the possibility of significant impacts on agriculture in New York State, the nation, and the world, the future impact of biotechnology on agriculture is largely uncertain," said Robert Kalter, professor of agricultural economics at Cornell University, who prepared a paper for the recent Agriculture 2000 Governor's Conference in Albany.

Kalter's report, written in conjunction with William Magrath, an agricultural economics researcher at Cornell, was one of 17 reports commissioned by Governor Cuomo to plan for the agricultural future of New York State. The majority of the presentations at the conference were made by faculty in the department of agricultural economics in the New York State College of Agriculture and Life Sciences at Cornell.

In all likelihood biotechnology – the application of chemical, physical, and engineering principles and techniques the biological systems to achieve improved production of food and fiber and to produce biological substances and value in commerce and medicine – will accelerate the rate of agricultural productivity, Kalter said. This will have both beneficial and adverse affects.

"The benefits to society are obviously improvements in efficiency and product quality, and a higher standard of living," Kalter pointed out. "A rapid acceleration in productivity, on the other hand, may result in a downward pressure on consumer prices and farm incomes, in fewer employment opportunities in agriculture, and in fewer farms."

Kalter explained that only a few new commercial products or processes evolving from biotechnology have been proven, and none are in widespread use.

"Yet, the possible innovations are limited only by the human imagination," he emphasized.

In plant production, it is hoped that varieties will be engineered to take on new characteristics. For example, the nitrogen fixation capabilities of legumes may be transferred to cereals; crop varieties could take on drought, salt, and cold tolerant characteristics or be altered to be resistant to pesticides, plant pathogens, and herbicides. Annual crops could become perennials and the photosynthesis ability of plants might even be improved.

In food processing, synthetic production of flavors and other constituents of prepared foods could be engineered, as could the production of costly raw materials such as cocoa oil.

The earliest adoption of biotech's accomplishments probably will be in animal production. Embryo sex selection, embryo transfer, vaccines and antibiotics for disease control, feed supplements, and the production of hormones and growth regulators are just a few examples of new biological tools that could result in lower production costs and improved animal physiology and health.

How quickly innovations are adopted will depend on the profitability of the product or process, farmer perception of the risk involved, the capital investment required, and, finally, on consumer confidence in the quality and safety of the new product.

Kalter pointed out that major research and development funding will be necessary to continue to support research not only in the natural sciences, but also in the social sciences, to develop policies for the problems and opportunities that may arise.

Specific objectives must be articulated first. Among these goals could be a reduction in consumer food prices, the stabilization or increase of farm incomes, and the protection of family farming or preservation of farmland and open space, Kalter and Magrath suggested in their presentation.

Then, techniques to assess the profitability of potential innovations must be developed. Finally, there is a need to develop a better understanding of the process by which new innovations, spread – theories based on research that predict technology adoption and that will manage the diffusion of efforts from other social goals and objectives, Kalter said.

"Biotechnology presents us with almost unlimited research opportunities that could ultimately impact, in far reaching ways, the agricultural sector and the well being of consumers," Kalter said.

"Biotechnology will greatly alter the speed and direction of technological change in agriculture. Farm production, agri business, research, education, and public policy are likely to undergo dramatic changes.

Policy makers, industry, and the present institutional structures will have to bend with the forces resulting from the new technology.

"What needs to be understood is that biotechnology is beginning to shape our private and public policy making agenda and will do so increasingly in the future, Kalter concluded.

Cornell's Biotechnology Institute, a collaboration between university and industry scientists, focuses research on molecular genetics, cellular biology, and cell production. It fosters basic technology research with applications to benefit agriculture, food, chemical, and pharmaceutical industries.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

SITTING ON SCORPIONS

December 9, 1984

Background Scripture:
Ezekiel 2:1 through 3:3.

Devotional Reading:
Jeremiah 7:1-15.

In my last pastorate in Mohnton, Pennsylvania, I typed out and placed these words on the pulpit lamp, where every Sunday morning as I got up to preach I could see them and be reminded:

And you, son of man, be not afraid of them, nor be afraid of their words, though briers and thorns are with you and you sit upon scorpions; be not dismayed at their words, nor be dismayed at their looks...(Ezekiel 2:8)

It was a wonderful congregation of people and I never had to be afraid of either their words or their looks. Still, this text was a very necessary reminder to me that my task was to speak, as best I could, for God and not to please my congregation.

UPON MY FEET

How easy it is to agree that we must speak and act for God and not to please other people. We all know how true that is. But very often it is so hard to do, particularly when it means standing all by ourselves to the disapproval of people whose esteem we covet.

A few months ago I was at a religious meeting in which something occurred that was totally repugnant to my spiritual convictions. I wanted desperately for someone else to do something about it. I knew that if I protested I risked disapproval of people whose good will I valued. I had everything to lose and seemingly nothing to gain – except my own self-respect.

I don't think it is necessary for me to relate what I eventually did or didn't do, for it is much more important for you to consider what you would do and perhaps have done when confronted by the prospect of sitting down on a nest of scorpions for the sake of deeply held convictions.

I SEND YOU

It is in times as these when we must remember that we must take the long-run, rather than the short-run view. In the short-run it is obviously more desirable to please people and earn their esteem. Yet we know that in the long run pleasing God is all that really matters. If the world rejects us – and our rejections are seldom as devastatingly total as that – it is only for a while.

Futhermore, many of us are tempted to play to the grandstand rather than to the heavens because we are afraid that our witness, no matter how bold or brave, will not do any good. Often it is true that faithful witness is ignored, but God reminds us that that is his affair, not ours: "And whether they hear or refuse to hear...they will know that there has been a prophet among them" (2:5) – or, if not a prophet, at least a witness for God.

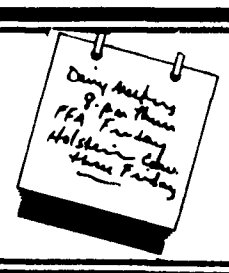
In the long run, sitting on a nest of scorpions is better than failing to witness for the Lord.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

Farm Calendar



Monday, December 10

Annual Seed, Feed, Fertilizer and Pesticide Dealers meeting, Union Hotel, Flemington, N.J. at 6 p.m.

Tuesday, December 11

Winter Forage Meeting, Md. Del. Forage Council, Caroline 4-H and Youth Park, Denton, Md.

Southern Md. Crops Conference, 9 a.m. to 3 p.m., Mechanicsville firehouse.

Rutgers Annual Pest Control Conference, Quality Inn, North Brunswick. Continues tomorrow.

Wednesday, December 12

Penn Ag Performance Appraisal Seminar, 10 a.m. to noon, General Sutter Inn, Lititz.

Central Md. Forage Conference, 8:30 a.m., Westminster, Md.

Milk Marketing Inc. annual meeting, Columbus, Ohio.

Financial Management workshop, 9 a.m. to 3 p.m., Pleasant Acres, York.

Thursday, December 13

FW. Pa. Commercial Vegetable Growers Seminar, 8:30 a.m. to 4 p.m., Bradley House, Wexford.

Eastern Lancaster County Adult Farmer program on tax management, 7:30 p.m., Blue Ball Elementary School.

Baltimore County Field Crops Day, 9 a.m. to 3:30 p.m., Friendly Farm restaurant, Upperco, Md.

York County Sheep Producers, 7:30 p.m., 4-H center.

Friday, December 14

Delaware Council of Farm Cooperatives

To Exercise Breeding Animals

Many farm animals are kept in close quarters during the winter months. This is fine for animals being fattened for market, but may not be suitable for breeding animals. The flock of breeding ewes should have access to an exercise lot daily; there will be less trouble with paralysis in the ewe flock and stronger lambs born if ewes are exercised daily.

When the ground becomes frozen, or snow-covered, some shepherds will feed hay on the ground out in the exercise lot in order to force the ewes to exercise. Dairy cows need outside exercise to maintain good feet and legs, and to provide opportunity for heat detection. Brood mares need the same daily exercise, if they are to remain in the best of health.

To Practice Holiday Safety

This is not a new idea but one that bears repeating. With the holiday season approaching, there are many extra decorations and events that can present fire hazards. We urge every parent to discuss the need of safety measures that will prevent serious fires and possible human injury. Too many people are careless with evergreen decorations and Christmas trees. Candles, fireplaces, and overloading our electrical lines are all possible fire hazards when not carefully handled. We urge everyone to make an effort to be careful with holiday decorations and, certainly don't take chances. If there is a possibility of a fire, then eliminate that item.

To Properly Store Firewood

We are more energy conscious than we've ever been — and this is certainly a good trend. Many homes are equipped with a fireplace or wood stove. This means the use of more firewood. Proper storage is important.

When storing your firewood keep it outside since many insects may hibernate in the wood piles. If you keep it inside they'll think it's spring and wake-up to become a pest in your home. If this happens use an ant and roach aerosol for control. It's a lot easier just to keep the firewood in a cold garage or some outside shelter. The important thing is to keep it as dry as possible, even if it means covering it with a plastic tarp. Wet firewood takes a lot of heat just to dry it out.

To Be Patient With People

Farming in the best of times is a very stressful occupation. Then add to that the low returns over the last several years due to high expenses and lower returns for our

(Turn to Page A12)

I HEARD IT'S GOING TO SNOW TONIGHT
YUP, ABOUT A FOOT
THAT MEANS A LOT OF SNOW IS GOING TO HAVE TO BE SHOVELED. I'D BETTER OPEN UP EARLY TOMORROW.
WHAT'S HE DO. SELL SNOW SHOVELS?
NOPE, HE'S OUR LOCAL CHIROPRACTOR
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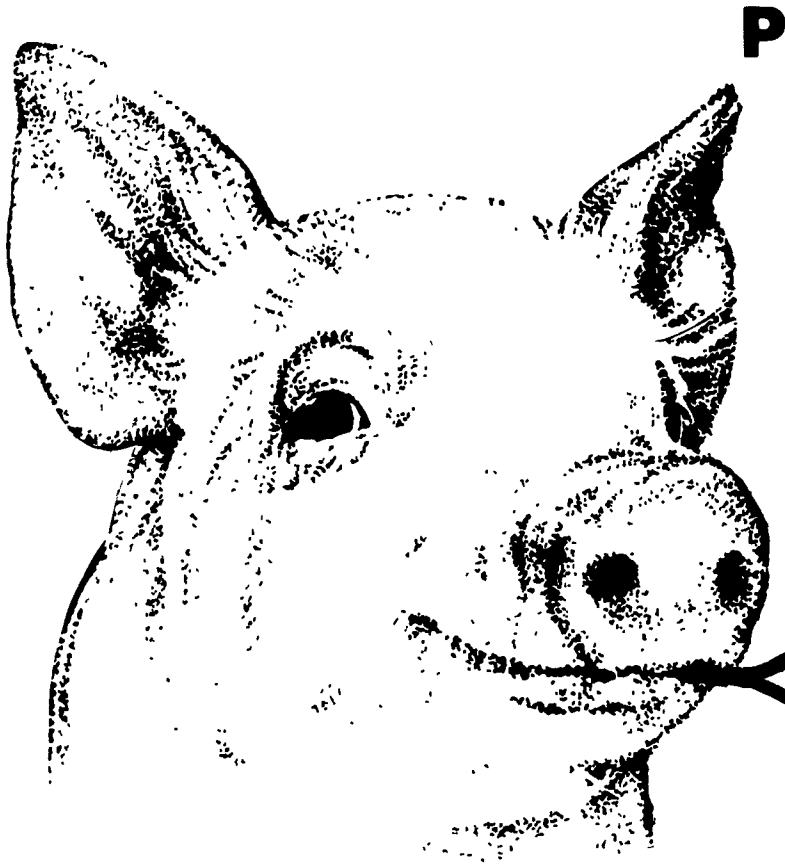

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Non-Farm Students Study Ag at Penn State

UNIVERSITY PARK — Agriculture is not just for farm youths anymore. Many students enrolled in the agriculture curriculum at the Pennsylvania State University have not grown up on farms but plan to seek careers in the field.

Peter Schafer, of Laureldale, Berks County, a senior majoring in dairy production, became interested in agriculture when his seventh grade football coach asked him to find farm work to build up his muscles. That summer he started working on a friend's dairy farm. He proudly says that he has wanted to farm ever since.

At Penn State Schafer was vice president of Delta Theta Sigma agriculture fraternity and an active member of the Dairy Science Club. He will graduate in December and return to the farm he worked on. It is not clear, however, if a partnership is in the scene.

"I'm not as fortunate as most farm kids," the Berks County student said. "I don't have the same rights birth gives you to the farm."

Karen Long, of Akron, a junior in dairy production, grew up in rural Lancaster County where agriculture was all around her. She spent a lot of time on her uncle's dairy farm and was very active in her high school FFA chapter. She was on numerous judging teams in high school and received her chapter's chain dairy calf.

"When it came to choosing which area of agriculture I wanted to specialize in, I guess you could say I showed partiality," Long pointed out. "I chose dairy because that is what my uncle had and I really grew up with."

She is an active member of the Penn State Dairy Science Club and currently is secretary of the 1985 dairy mall promotion committee. Long, who is a dean's list student, plans to pursue a career in animal breeding.

"Hopefully, I'll land a job with a bull stud," Long said. "I am currently being considered for a summer internship with Select Sires, Inc."

Last summer she gained experience as a milk tester for the Pennsylvania Dairy Herd Improvement Association. "I really learned a lot about recordkeeping, feeding programs, and keeping milk at its best quality-wise," she said.

James Fitzpatrick, of Doylestown, a freshman in dairy production, has always wanted to farm. "I used to see commercials advertising tractors and dreamed of someday being a farmer, you know, like most kids dream of being a fireman."

Fitzpatrick went to work on his neighbor's Jersey farm, where he started for $1.75 per hour. As he gained experience his pay increased.

"I was green and I didn't know how to act around animals. I was amazed to learn where we bought feed, how to know where to sell corn. There is just so much to know in this business."

Although just a freshman, he has taken advantage of the activities the Penn State Dairy Science Club offers. He helped with the Ag Arena dedication ceremony, Nittany Lion Fall Classic Dairy Sale, and set up the club's booth at Ag Career Days.

He plans to work as a herdsman on a dairy farm. "I don't know if I could ever afford my own farm and cows today. I enjoy working with the animals so a herdsman's job it is," the Doylestown student noted.

All three students feel they have a lot to catch up on, both on the farm and in the classroom. They all agree that practical education doesn't seem to be as hard to learn as the theory.

"While most farm boys and girls know from habit when to plant and harvest the different crops, I had to work double time to learn he dates," Long said. "Most of my ag professors take for granted that the seemingly simple items are already known by students, so they have us refer to things back home rather than explain them thoroughly."

As a freshman, Fitzpatrick feels he has a lot to learn. He's never been involved in showing animals and helping at the Nittany Lion Fall Classic gave him an opportunity to find out what is involved.

"I helped wash animals for the club sale and got them ready for the leadsman," he said. "Now I'm really excited about showing a dairy animal at the Dairy Exposition to be held next April. I will finally get to clip and lead an animal in a show situation. College is a great place to learn all these things because you don't have so many different styles to learn. It also gives you a chance to find a way to learn to do clipping and showing on a do-it-yourself basis."

Schafer and Long feel that studying agriculture and working with farm-reared students have helped them prepare for their careers.

"We're learning to work with other people and have confidence in what we're doing. Penn State is giving us a sound agricultural education and the experience we're receiving is extremely valuable. The desire to work in the ag field is stronger now than ever before," the two agreed.

V. Allan Bandel (center foreground), an Extension agronomist at the University of Maryland, answers questions from farmers during "quiz the experts" session following last year's Mid-Atlantic No-Till Conference. Behind him is A. Morris Decker, a fellow professor of agronomy at the College Park campus. Bandel spoke on nitrogen placement, and Decker spoke on no-tillage establishment of forage crops. Decker will be back for this year's program on Dec. 19 at York. His topic will be "Cover Crops for No-Till."

Now is the Time

(Continued from Page A10)

milk, eggs and meat.

I point this out so that people working with our farmers understand the needs and cares of others. We all need to be patient and understanding and look at the many good things we have to be thankful for... our families, freedom and the ability to come back after being down. Take time to talk with your friends and neighbors and share the many good times you've had together. Let's enjoy the holiday season and be thankful for all the good things in life.

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Livestock market and auction news

Morrison Cove Livestock

Martinsburg, Pa.
Monday, December 3, 1984
Report Supplied by Auction

CATTLE 280 High Choice & Prime slaughter steers 64 75-66 25, Choice 61.00-64.25, Good 56.00-59.75, Standard 51.25-54.25, Utility 45.00-49.75. Choice slaughter heifers 61.00-63.25, Good 54.50-59.50, Standard 49.00-53.25, Utility 44.25-48 25 Breaking Utility & Commercial slaughter cows 38.00-39 75, Commercial 35.00-36.75, Shells down to 24.25. Choice slaughter bullocks 47.00-49.25, Good 44.00-46.25, Standard 41.25-43.00, Utility 35.00-39.75. Yield Grade No. 2 slaughter bulls, 51.00-53.50, Yield Grade No. 2 48.00-50.75.

FEEDER CATTLE Steers Choice 300-700 lbs. 56.00-62.00, Good 300-700 lbs. 48.00-54.00, Medium 300-700 lbs. 41.00-47.00; Heifers Good 300-700 lbs. 48.00-54.00, Medium 300-700 lbs. 41.00-47.00; Bulls Good 300-700 lbs 47.00-53.00, Medium 300-700 lbs 38 00-46.00

CALVES 489 Prime Vealers 78.00-84.00, Choice 71.00-74 00, Good 61 00-68.00, Standard & Good 110-130 lbs. 48.00-54.00, 90-110 lbs. 45.00-47 00, 70-90 lbs. 42.00-44.00, Utility 40-60 lbs. 38 00-41.00.

FARM CALVES: Holstein bulls 90-130 lbs. 62.00-85.00, Holstein heifers 95-115 lbs. 54.00-68.00.

HOGS 220. US No. 1-2 220-240 lbs. barrows & gilts 51.50-53.00, No. 1-3 200-260 lbs. 50.00-51.25, No. 2-3 170-190 lbs. 47.00-49.50, No. 2-3 280-320 lbs. 46.50-49.00. Sows US No 1-3 450-600 lbs. sows 46.00-48.25, No 2-3 350-600 lbs. 39.00-45.00. Boars 28 00-31.25, Lightweights 33.00-36.25.

FEEDER PIGS 18. US No. 1-3 20-25 lbs feeder pigs 14.00-18.00 per head, No. 1-3 40-60 lbs. 23.00-29.00 per head.

SHEEP NO SALES ON OFFER.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, December 5
Report supplied by PDA

CATTLE 192. Compared with last Wednesday's market, Individual Good Slaughter Steers 53.50, Few Standard 40.25-41.85. Individual Good Slaughter Heifers at 53.00, Individual Standard 46.10. Breaking Utility & Commercial Slaughter cows 34.50-37.50 Couple 40.25, Cutter & Boning Utility 31.75-34.75, Canner & Low Cutter 27.75-31.75, Shells down to 22.50. Yield Grade No. 1 1070-2240 lbs. Slaughter Bulls, 39.00-46.25.

FEEDER CATTLE: Steers Medium Frame #1, 400-650 lbs. 37.00-45.50.

CALVES 186. Few Standard & Good 110-120 lbs., 46.00-48.50, 70-105 lbs. 34.00-45.00, Utility 60-90 lbs. 20.00-34.00.

FARM CALVES: Holstein Bulls 90-125 lbs., 48.00-75.00, Mostly 60.00-70.00; Few Holstein Heifers 90-110 lbs., 44.00-57.00.

HOGS 255. US No. 1-2 205-240 lbs. barrows and gilts, 50.00-51.75, No. 1-3 220-275 lbs., 48.10-50.00, One Lot No. 1-3 190 lbs. 47.50. Sows. US No. 1-3 300-635 lbs. sows 40.00-44.75, Couple to 48.75. Boars 29.00-33.50.

FEEDER PIGS 187. US No. 1-3 20-35 lbs. feeder pigs 19.00-29.00 per head, No. 1-3 40-65 lbs. 32.00-44.00 per head, One Lot No. 1-3 90 lbs. at 59.00.

SHEEP 34. Choice 90-120 lbs. Wool Slaughter Lambs 61.00-72.00, Mixed Good and Choice 40-80 lbs. 74.00-110.00. Slaughter ewes 17.50-21.00.

GOATS 10. Few Large 24.00-41.00 per head, Few Kids 22.00-25.00 per head. Holstein Dairy Cattle 460-900.00, Couple 1020.00 per head.

Leesport Auction

Leesport, Pa.
Wednesday, December 5
Report supplied by PDA

CATTLE 298: Compared with last Wednesday's market, Slaughter cows steady to 1.00 lower. Few Choice Slaughter Steers 1100-1420 lbs. 65.25-67.00, Good Steers 57.25-63.85, Good & Choice Holsteins 1120-1400 lbs., 54.00-56.25, Few 61.50; Standard 49.75-56.75, a Few Utility & Low Standard 40.00-43.00. Choice Slaughter Heifers 900-1250 lbs. 55.50-59.60, a Few 62.35, Good 54.75-56.60, Few Standard 43.25-49.00, Few Utility 35.00-39.50. Breaking Utility & Commercial Slaughter Cows 35.50-37.60, a Few 39.25, Cutter and Boning Utility 32.75-36.25, Canner & Low Cutter 28.50-33.00, Shells down to 26.35. Few Choice Slaughter Bullocks 59.10 and 60.00, Standard 44.75-50.50. Yield Grade No. 1 1200-2025 lbs. Slaughter bulls, 44.00-48.50, One at 51.00.

FEEDER CATTLE: Steers A Few Large Frame #1 510-540 lbs. 50.50-55.50, One Lot Large Frame #2 625 lbs. at 43.50; Heifers Small Frame #1 350-510 lbs. 36.50-40.50, Few Large Frame #2 335-740 lbs. 33.50-40.00; Bulls Few Medium Frame #1, 400-900 lbs. 39.25-48.00.

CALVES 182: Vealers 1.00-3.00 lower. A Few Choice 70.00-79.00, Good 61.00-70.00, A Few Standard & Good 115-130 lbs. 56.00-65.00, 90-110 lbs. 42.00-45.00, 70-85 lbs. 37.00-42.00; A Few Utility 90-105 lbs. 38.00-40.00, A Few Utility 60-85 lbs. 25.00-35.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-69.00, Few down to 45.00.

HOGS 383: Barrows & gilts .50-2.00 higher. US No. 1-2 220-250 lbs. barrows and gilts 52.00-52.75, No. 1-3 200-265 lbs. 50.75-52.00, a Few No. 2-3 270-275 lbs. 50.50-50.85, a Few No. 1-3 175-185 lbs. 46.50. Sows 4-6 down, most decline on weights over 500 lbs. US No. 1-3 300-700 lbs. sows 37.00-40.00, few 44.50, Few Medium 280-470 lbs. 31.50-38.00. Boars 32.00-33.00, few 34.50, Light weights 36.00-38.00.

FEEDER PIGS 224: Few US No. 1-3 25-30 lbs. feeder pigs 95-112.00 per hundredweight. No. 1-3 30-50 lbs. 76.00-88.00, One Lot 55 lbs. at 73.00, few No. 1-3 75-90 lbs. 54.00-62.00, One Lot 145 lbs. at 49 75.

SHEEP 7: A Few Choice Wool Slaughter Lambs 55-100 lbs. 59.00-68.00, Few Good 45-60 lbs. 50.00-60.00. Few Slaughter ewes 15.00-21.00.

GOATS 9: 21.00-38.00 per head.

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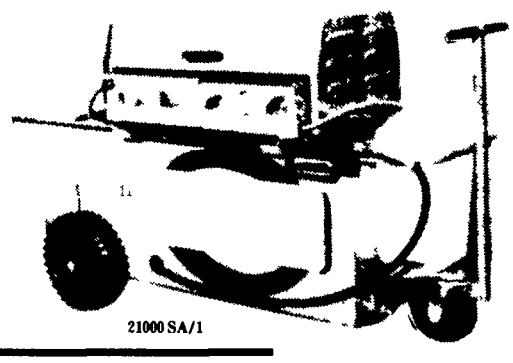
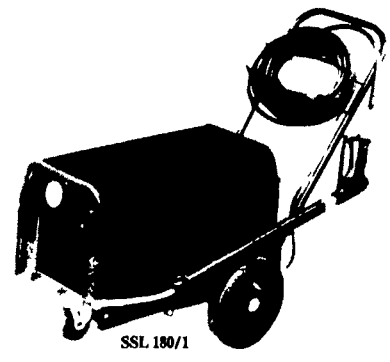


2,100 PSI Hot or Cold Water
4.5 G.P.M.
4.5 H.P. 220 V
1 Phase



2,200 P.S.I. Cold Water
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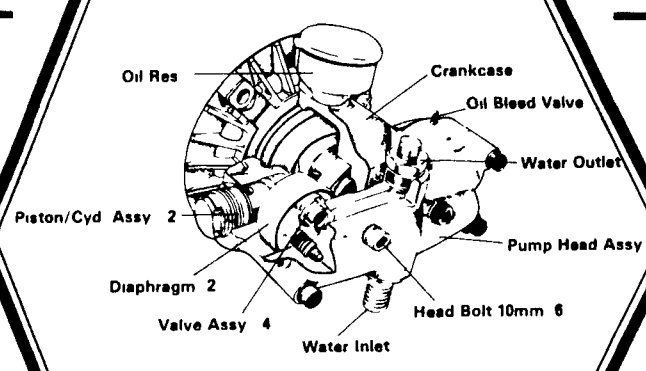

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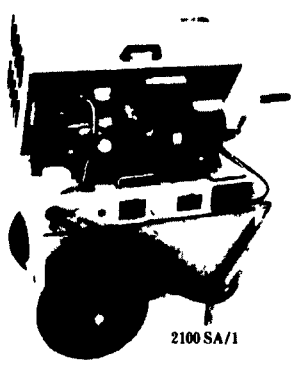

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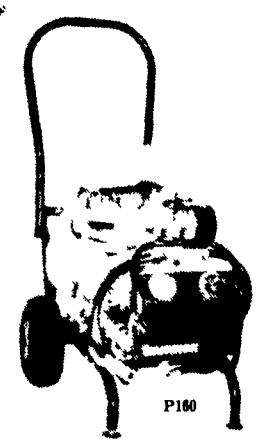

2,500 P.S.I. Cold Water
4 G.P.M.
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Livestock market and auction news

Westminster Livestock Auction

Westminster, Pa.
Tuesday, December 4
Report supplied by auction

SLAUGHTER COWS: Large run $2.00 to $3.00 lower. Utility 34.00-36.75; Canners 28.00-34.00; Shelly 28.00 down. Bulls- $2.00 lower. Good 40.00-42.00; Medium 38.00-40.00. Fed Steers- Good to Low Choice 58.00-62.00; Good 52.00-57.00. Fed Heifers- Few Good Light Weights to 51.00. Veal Calves- Good & Choice 60.00-70.00; Stocky/Thin 20.00-40.00; Killers 80-110 lbs. 40.00-46.00; Weak/Rough 20.00 down. Farm Calves- Holstein Bulls 95-125 lbs. 55.00-72.00. Butcher Hogs- No top weights offered bulk 290-400 lbs. 40.00-46.00. Sows- $2.00-3.00 lower. 500-650 lbs. 39.75-41.75; 300-500 lbs. 35.00-40.00. Boars- 400-650 lbs. 32.00-32.50. Hay 6 loads- Alfalfa $120.00 per ton; Timothy 95.00 per ton; Mixed 87.50 per ton; Ear Corn 82.00 per ton.

STOCK CATTLE: Good run! Higher prices! Steers 300-600 lbs. Choice 58.00-64.00; Good 50.00-58.00; 600-950 lbs. Choice 55.00-60.00; Good 47.00-54.00; Holsteins 32.00-44.00. Heifers 300-700 lbs.- Choice 45.00-48.00; Good 38.00-45.00. Bulls 300-600 lbs.- Good & Choice 45.00-51.00; Good 40.00-45.00. Lambs- High Choice - Prime 60.00-63.50; Good-Choice 53.00-59.00; Yearlings 20.00-40.00; Sheep 12.00-20.00. Goats by the Head- Mature 30.00-60.00; Kids 20.00-35.00. Pigs & Shoats- 75 head. Steady to $2.00 lower. By the Head- 20-30 lbs. 12.00-20.00; 30-40 lbs. 18.00-30.50. By the Pound- 65-105 lbs. 40.00-45.00. Stock Boars- 240-265 lbs. to 37.50.

New Wilmington Livestock Auction

N. Wilmington, PA
Monday, December 3
Report Supplied by PDA

CATTLE 373. Compared with last week's market: Slaughter cows $1-$1.50 lower. Few Choice slaughter steers 62.00-63, Good 58-61.75, Standard 50-56.25. Few Choice slaughter heifers 57.50-58.75, few Good 55-56.50, Standard 43.50-50, Utility 37.50-42. Breaking Utility & Commercial slaughter cows 34.50-38, Cutter & Boning Utility 32.50-36, Canner & Low Cutter 25.00-32.75, Shells down to 20.00. Yield Grade No. 1 1150-1830 lbs. slaughter bulls 40.00-45, one at 47.00, few #2 1070-1160 lbs. 37.75-40.25.

FEEDER CATTLE: Medium & Large Frame #1 310-550 lbs. steers 49.00-56. Medium Frame #1 310-575 lbs. 39.00-43, few #2 450-600 lbs. 30.00-37.50. Medium & Large Frame #1 3-600 lbs bulls 41.00-48.00.

CALVES 339. Vealers steady. One Prime vealer at 105.00, few Choice 80.00-96, few Good 65.00-76, Standard & Good 90-125 lbs. 40.00-50, 65.85 lbs. 30.00-41, Utility 45-90 lbs. 13.00-23.00.

FARM CALVES: Holstein Bulls 95-135 lbs. 50.00-57.50, few 70.00.

HOGS 601. Barrows and gilts 75c-$1.25 lower. US No. 1-2 210-250 lbs. barrows and gilts 50-50.75, No. 1-3 2-265 lbs. 48.60-50.35, No. 1-3 140-190 lbs. 41-47.50. Sows $1 higher. US No. 1-3 3-700 lbs. sows 38.50-47, mostly 40.00-45.00. Boars 28.00-35.00.

FEEDER PIGS 84. US No. 1-3 20-30 lbs. feeder 12.00-17 per head, 40-55 lbs. 20.00-35 per head.

SHEEP 188. Choice & Prime 80-115 lbs. wooled slaughter lambs 60.00-67, Good & Choice 50-75 lbs. feeder lambs 48.00-62, lot Utility 42 lbs. at 30.00. Slaughter ewes 15.00-19.00.

Belknap Livestock

Dayton, Pa.
Wednesday, December 5
Report Supplied by PDA

CATTLE 73. Compared with last Wednesday's market, slaughter cows mostly $1.50 lower. Few Breaking Utility & Commercial slaughter cows 35.00-37.00; Cutter & Boning Utility 32.00-34.00, Canner & Low Cutter 25.00-32.00, Shells down to 22.00. Few Yield Grade No. 1 and 2 1405-1670 lbs. slaughter bulls, 38.00-42.00.

FEEDER CATTLE: Steers Medium Frame #1 and Large Frame #1 550-800 lbs. 45.00-50.50; Heifers Medium Frame #1 440-730 lbs. 35.00-40.00; Few Medium and Large Frame #2 385-615 lbs. 32.00-35.50; Bulls Few Medium and Large Frame #1 535-760 lbs., 48.00-50.75

CALVES 93. Standard and Good 90-125 lbs. 40 00-49.00, 60-85 lbs. 30.00-44.00.

FARM CALVES· Holstein bulls 90-130 lbs. 50.00-70.00

HOGS 191. Barrows and gilts 50 cents - $1.00 lower US No 1-2 220-250 lbs. barrows & gilts 49.75-50.50, No. 1-3 205-265 lbs 47.00-49.00. Sows $2.00 lower. US No. 1-3 340-565 lbs. sows 40.00-46.00, Medium 2-3 270-350 lbs. 30.00-36.50 Boars 28.00-33.00.

FEEDER PIGS 72. US No. 1-3 10-20 lbs. feeder pigs 6.00-10.00 per head, No. 1-3 40-55 lbs., 19.00-25.00, Utility 20-25 lbs. 5.00-8.00 per head.

SHEEP 2.

Joliet Cattle

Thursday, December 6
Report Supplied by USDA

Friday through Wednesday salable receipts 1100, five days last week 1933, same period a year ago 2757.

Trading slow on Monday, active on Wednesday. SLAUGHTER STEERS and heifers ended the week 50 cents to 1.00 lower, compared with Wednesday of last week

SLAUGHTER STEERS. Choice 2-4, 1050-1350#, 64.50-66.00, 1 load on Wednesday, 66.50 mixed good and choice 2-3, 1000-1200#, 62.00-64.00.

SLAUGHTER HEIFERS: Choice 2-4, 950-1100#, 63.50-65.50 Mixed good and choice 2-3, 850-1100#, 60.00-63.50.

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TRACTORS:

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JD 4020, Side Console	$9,500
JD 3020, Gas, New Overhaul	$7,350
JD 2840, Dual Remote	$14,900
JD 2440 1982 Tractor w/146 Loader	$14,900
JD 2630 Diesel Tractor, Hi-Lo 540-1000	$9,750
JD 2630, Dual Remote	$9,750
(1) White 2-105 w/Roll Guard	$15,900
(1) Farmall H	$950
IH 240 w/Fast Hitch and 2B Plow	$2,150
White 2-60 4WD w/Loader 800 Hrs	$13,500
Ford 8000	$6,950
Farmall H SOLD	$1,050

COMBINES & PICKERS:

(1) JD 6620LL Combine 800 hrs	Price on Request
JD 3300 Dsl w/cab 343 C H & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10 Platform, P U Reel, 2 Row Cornhead Cab	$3,950

TILLAGE:

JD 12' 3 pt Chisel	$1,450
JD 350 5 Bottom Plow	$2,850
JD 210 Disc 11'x5"	$3,950
JD 1450 Plow 5x16	$1,950
(1) John Deere 12' RW	$875
Howard 100" 1000 PTO Rotovator	$3,450

HARVESTERS & FORAGE EQUIPMENT:

NH #36 Flail Chopper	$2,450
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl Hydro, 600 Hrs	$23,500
JD 38 Harvester, 2 Row Narrow w/Pickup	$2,350
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) Grove Forage Wagon w/Roof & Gear	$1,850
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers MUST MOVE CALL FOR PRICE	(Dealer Inquiries Welcome)
(1) Used 350 BU Myer Morton PTO Batch Dryer	$3,450

HAY MACHINES:

JD 480 Mower Conditions	$1,450
Hesston PT10 9 Mower Conditioner	$1,850
NH #68 Baler	$450
JD 14T Baler	$750
NH 469 Haybine	$2,350
NH 479 Haybine	$3,250
NH 275 Baler w Thrower Hydraulic Arm	$2,950
JD 336 Baler w/Ejector	
NI #402 8½' Hay Rake	$1,250
JD 1214 12 Mower Conditioner	$3,950

MISCELLANEOUS:

IH 850 Grinder Mixer	$1,450
JD 6 Row 30 Rear Cultivator	$1,250
6 Row Hyd Fold Cultivator	$1,500
Bush Hog 11 Pull Type Rotary SOLD	$2,450
14 9x26 T rail duals	
20 8x34 direct axle less rubber	
NH 679 tandem axle spreader hyd endgate	$4,500
JD 37 Hydraulic bucket ind valve	$1,150
JD 46A Hydraulic Loader hyd bucket to fit 3010 thru 4020	$850
(2) NI Tandem Axle Spreaders	
Better Bilt 1500 Gallon Tank Spreader w ejectors	$4,450

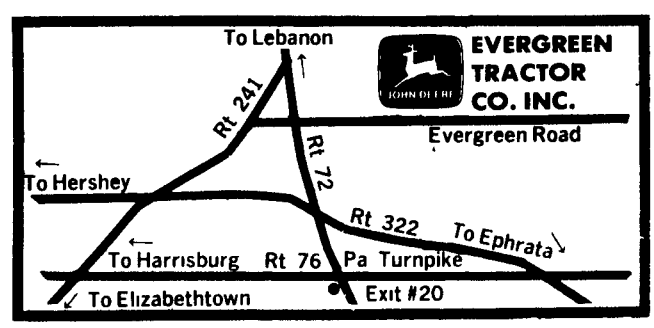
PLANTERS & GRAIN DRILLS:

JD 7000 8 R 30 Planter Liq P O P Monitor No Till	
IH 400 4R Air Planter	$1,950
IH Grain Drill	$650
IH Grain Drill	$450
JD 494A Planter	$850
JD 290 Planter	
IH 13x7 Grain Drill	$450

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD 1630 Disc 12 w/24" Blades, Dual Wheels, Demo Cash	$5,450
JD 225 Offset Disc, ¼ w/Blades, Cash	$4,450
(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price	$8,600
(2) JD 415 Rotary Hoe, Cash Price	$2,295 Each

Coming in...
IH 826 Tractor
Brady 30' Field Cultivator
IH 6 Row Air Planter



30 Evergreen Rd , Lebanon, PA , (717) 272 4641 or Toll Free 1 800 441 4450 Ext #6

Omaha Weekly

Thursday, December 6, 1984
Report Supplied by USDA

At the end of trading this week fed cattle prices. Ranged 50-1.00 lower than last week's closing trade. Setbacks in the dressed beef trade precipitated a reduction in live prices that was held to a minimum by a packer demand that closely matched the available receipts. Overall finish continued fairly attractive. Cows and bulls steady.

Estimated 5 day receipts 10,300; actuals last week 10,423 and last year 7,945. Steers comprised 40 percent of the weeks receipts, heifers 39 percent; cows 10 percent; feeders 10 percent.

SLAUGHTER STEERS: Choice 2-4 1050-1300 lbs. 65.50-67.00. Mixed good and choice 2-3 1050-1200 lbs. 64 00-65.50. Few good 61.00-63.50. Few packages mixed good and choice 2-3 1200-1350 lb. holsteins 57.00-58.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1100 lbs. 64.00-65.50, load and part load 65.75-66.00. Mixed good and choice 2-3 900-1000 lbs. 62.00-64.00. Good 59.00-62.00.

Average of LS 214 detailed quotations for 900-1100 lbs. choice steers 65.00; 1100-1300 lbs. 66.60 Average cost steers 65.22, average weight 1163 lbs. as compared 66.27 and 1174 lbs. a week ago. Average cost heifers 63.72. Average weight 1050 lbs. as compared 64.68 and 1038 lbs. a week ago.

SLAUGHTER COWS: Few breaking utility and commercial 2-3 33.75-37.75. Cutter and Boning Utility 1-2 32.00-36.00, high dressing to 37.75. Canner and Low Cutter 26.00-32.00.

SLAUGHTER BULLS: 1-2 1400-1900 lbs. 41.25-47.75, few full to 37.25.

Dewart Auction

Dewart, Pa.
Monday, December 3
Report supplied by PDA

CATTLE 294: Compared with last week's market: Slaughter cows .50-2.50 lower. Few Choice (Low) 2-4 1090-1280 lbs. slaughter steers 61.00-64.25, Good 55.00-62.00, Good Holsteins 49.00-55.50, Standard 47.00-51.25. Choice slaughter heifers 59.00-61.75. Breaking Utility & Commercial slaughter cows 34.00-36.75, couple 38.50, Cutter & Boning Utility 32.50-36.00, Canner & Low Cutter 29.50-33.50, Shells down to 25. Few Yield Grade #1 935-2045 lbs. slaughter bulls 42.00-46.25.

FEEDER CATTLE: Medium Frame #1 400-675 lbs. heifers 40.00-46.75.

CALVES 277: Few Choice vealers 68.00-81.00, Good 55.00-65.00, Few Standard & Good 110-125 lbs. 50.00-54.00, 70-105 lbs. 42.00-48.00, Utility 60-85 lbs. 30.00-42.00.

FARM CALVES: Holstein Bulls 90-135 lbs. 50.00-79.00.

HOGS 170: Barrows and gilts .75-1.25 lower. US No. 1-2 205-230 lbs. barrows and gilts 50.50-51.10, one lot 51.90, No. 1-3 220-250 lbs. 49.40-50.80, few lots No. 1-3 190-195 lbs. 46.60-47.75. US No. 1-3 300-585 lbs. sows 37.00-43.75. Boars 31.00-36.00.

FEEDER PIGS 139: US No. 1-3 20-45 lbs. feeder pigs 23.50-28.50 per head, 50-60 lbs. 28.50-34.50 pe rhead.

SHEEP 29: Mixed Good & Choice 70-110 lbs. wooled slaughter lambs 54.00-60.00, one at 67.00.

St. Louis Cattle

Thursday, Dec. 6
Report Supplied by USDA

Receipts this week 4 600; Week ago 5,300; Year ago 5,300.

Compared to last week's close, slaughter steers and heifers mostly 1.00 lower. Cows generally steady. Bulls 1.00-2.00 lower. Slaughter supply mainly choice steers and heifers, around 10% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1075-1300 lbs. 65.50-66.00. Choice 2-4 1000-1300 lbs. 64.50-65.50; 850-1000 lbs. 62.50-64.50. Mixed good and choice 2-3 900-1250 lbs. 62.50-64.50. Good 2-3 900-1200 lbs. 60.00-63.00. Mostly good 2-3 1100-1400 lb. Holsteins 54.00-58.00. Standard to good 2-3 1000-1400 lbs. 50.00-54.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1125 lbs. 63.50-64.00. Couple loads 64.50. Choice 2-4 900-1100 lbs. 62.00-63.50; 800-900 lbs. 61.00-62.00. Mixed good and choice 2-3 800-1000 lbs. 60.00-62.00. Good 2-3 750-1000 lbs. 58.00-60.00.

COWS: (Closing week sales) breaking utility and commercial 2-4 33.00-35.00. Cutter and Boning Utility 1-2 33.00-35.00. Few high yielding utility 1-2 up to 36.00. Canner and Low Cutter 1-2 29.00-33.00. Shelly Canner 1-2 25.00-29.00.

BULLS: YG 1-2 1100-2200 lbs. 41.00-46.00, closing 41.00-45.00. Few YG 1 1700-2900 lbs. 47.00 early, not tested late.

National Stock Yards
Thursday, December 6
Federal State

Wednesday's weekly sheep auction. Receipts around 450 head. Compared with last week, slaughter lambs steady. Feeder lambs 3.00 lower. Trading moderately active for moderate supply, consisting mostly of wooled slaughter lambs and feeder lambs. Slaughter ewes steady.

SLAUGHTER LAMBS: Mixed choice and prime 95-129 lbs. Wooled 55.00-65.00, mostly 60.00-65.00. Same grades shown with No. 1-2 pelts, couple lots 125-135 lbs. 64.50-65.00.

FEEDER LAMBS· Mixed choice and fancy 65-95 lbs. 52.00-57.00.

GOATS: Few mostly 10.00-16.00 per head.

Thursday, Dec. 6, 1984
Report Supplied by USDA

FEEDERS: (Including around 1,300 at the regular Thursday Auction.)

FEEDER STEERS: 1.00-2.00 lower, instances 3.00-4.00 lower on 500-700 lb. weights. Feeder heifers under 500 lbs. 1.00-2.00 lower, over 500 lbs. steady. Trading moderate, demand light to moderate. Supply mixed, consisting mostly of steer calves.

FEEDER STEERS: Medium and Large Frame 1: 300-600 lbs. 58.00-64.00, two thin lots 365-375 lbs. 67.00; 600-800 lbs. 60.00-63.00. Couple lots 800-900 lbs. 57.00.

MEDIUM AND LARGE FRAME 1-2: Few 500-700 lbs. 55.00-59.00.

SMALL FRAME 1-2: Few 550-800 lbs. 50.00-55.00.

FEEDER BULLS: Medium and Large Frame 1-2; few 500-750 lbs. 45.00-50.00.

FEEDER HEIFERS: Medium and Large Frame 1: 300-500 lbs. 47.00-52.00; 500-700 lbs. 50.00-57.00, mostly 52.00-57.00, one lot 59.00; 700-800 lbs. 53.00-55.00.

MEDIUM AND LARGE FRAME 1-2: Few 400-800 lbs. 45.00-49.00. EB 58.00-67.00 EC 59.00-64.00 ED 58.00-64.00 EE 60.00-63.00 EF 60.00-62.00 EG 57.00-60.00 GB 47.00-52.00 GC 50.00-54.00 GD 50.00-57.00 GE 52.00-59.00 GF 53.00-55.00.

Valley Livestock

Athens, Pa.
Monday, December 3
Report supplied by auction

Holstein Hfr. Calves to 63.00.
Veal Calves 60.00-72.00.
Vealer Bull Calves 55.00-66.00.
Slaughter Calves 40.00-50.00.
Grassers & Feeders 29.00-45.00.
Lambs 45.00-75.00.
Sheep 12.00-20.00.
Hogs, 200 to 250 47.00-50.50.
Sows 36.00-39.00.
Boars 25.00-35.50.
Pigs 8.00-23.00.
Heifers 36.00-40.00.
Steers no top steers.
Steers, feeder 36.00-48.00.
Bulls 38.00-43.50.
Cows, utility 34.00-37.50.
Cows, fat 34.00-38.50.
Cows, medium 31.50-33.00.
Cows, poor or small 25.00-30.00.
Cattle Market unsettled.
Calf Market steady.
Horses none.
Ponies none.
Goats 12.00-40.00

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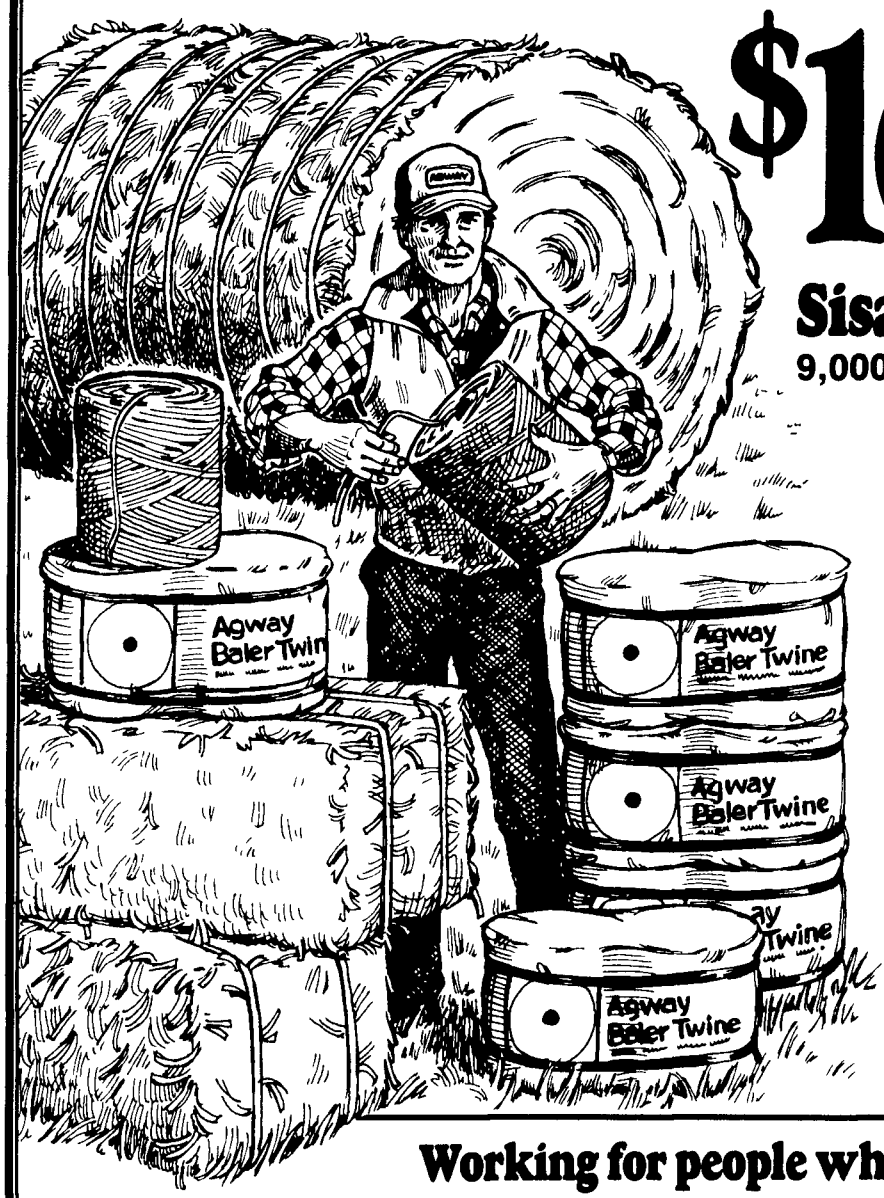

*Reg. December Price $16.99, Less 2% CASH Discount (34¢) $16.65

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Interstate 81 Exit 26

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, December 4, 1984
Report supplied by Auction

Beef Cows: Utility and Commercial 37.00-42.50; Cutters 34.00-36.75; Canners 30.10-34.00; Shells 25.00.

Heifers: Good 55.50-57.00; Standard 47.00-51.00; Commercial 35.00-42.00.

Steers: Good 49.50-51.50; Standard 42.50-48.00.

Bulls: Good 46.60-48.10; Standard 42.75-44.75.

Veal Calves: Choice 71.00-80.00; Good 58.00-68.00; Standard 51.00-56.00; Utility 43.00-50.00.

Farm Calves: Bulls 68.00-84.00; Heifers 52.00-60.00.

Hogs: 48.00-51.50.

Sows: 41.00-43.10.

Shoats: 25-30 lbs. per head 10.00-14.00; 30-35 lbs. per head 15.00-21.00; 35-50 lbs. per head 21.00-36.00.

Lambs: 58.50.

Sheep: 18.00-26.00.

Goats per head: 37.00-54.00.

Weekly Summary

Harrisburg, Pa.
Friday, December 7
Report supplied by PDA

CATTLE: 5830. Compared with 5771 head last week, and 6559 head a year ago. Compared with last Friday's summary: Sl. steers steady to 1.00 lower, sl. heifers unevenly steady, sl. cows .50-1.50 lower, spots 2.00 lower, sl. bulls 1.00-3.00 lower. Sl. steers: few High Choice & Prime 3-4 73.75-74.85, Choice 2-4 53.00-71.25, Good 57.00-64.00, few down to 55.00, Standard 48.75-56.50. Sl. heifers: Choice 60.00-67.00, Good 55.00-60.50, Standard 45.00-55.00. Sl. cows: Breaking Utility & Commercial 34.50-38.75, few to 40.25, Cutter & Boning Utility 32.00-36.00, few at 38.00, Canner & low Cutter 27.50-33.50, few 34.50, shells down to 20.00. Sl. bullocks: few Choice 59.75-62.75, Good 52.00-59.25. Sl. bulls: Yield Grade 1 1000-2050 lbs. 42.00-48.75, few 53.75; Yield Grade 2 900-1450 lbs. 37.00-42.50.

FEEDER CATTLE: Medium & Large Frame 1 300-650 lbs. 49.00-56.00, few at 65.00; Heifers Medium Frame 1 300-850 lbs. 39.00-51.00, Medium No. 2 300-600 lbs. 32.00-41.00, few 44.75; Bulls Medium No. 1 300-750 lbs. 41.00-58.00.

CALVES: 1654. Compared with 4926 head last week, and 4906 head a year ago. Vealers mostly steady, spots to 5.00 higher. Few Prime vealers 95.00-109.00, Choice 70.00-99.00, Good 55.00-76.00; Standard & Good 110-130 lbs. 50.00-65.00, 90-110 lbs. 40.00-50.00, 65-90 lbs. 35.00-45.00; Utility 50-100 lbs. 20.00-38.00.

FARM CALVES: Hol. bulls 90-125 lbs. 45.00-92.00, mostly 60.00-75.00; Hol. heifers 85-140 lbs. 44.00-65.00.

HOGS: 7218. Compared with 5852 head last week, and 7667 head a year ago. Barrows & Gilts mostly steady, .50-1.00 lower. US 1-2 210-245 lbs. 50.50-52.75, few at 55.50, US 1-3 210-255 lbs. 49.00-51.50, US 2-3 230-285 lbs. 47.00-51.00, few 1-3 140-190 lbs. 41.00-47.50; Sows mostly 1.00-2.00 lower. US 1-3 300-650 lbs. 40.00-44.75, few 47.00, 2-3 300-685 lbs. 37.00-41.00; Barrows 28.00-36.00.

FEEDER PIGS: 1294. Compared with 1055 head last week, and 1830 head a year ago. Feeder pigs highly uneven. US 1-3 20-35 lbs. 15.00-28.00 per head, 1-3 35-50 lbs. 19.00-35.00, few 1-3 50-85 lbs. 35.00-59.00.

SHEEP: 1567. Compared with 1141 head last week, and 928 head a year ago. Wooled sl. lambs mostly 2.00-3.00 higher. High Choice & Prime 80-115 lbs. 62.00-72.00; Choice 70-125 lbs. 58.00-68.00; Good 40-90 lbs. 48.00-60.00; Sl. sheep 12.00-25.00.

3 GRADED FEEDER PIG SALES: 2330. Compared with 1128 head last week, and 2599 head a year ago. All sales per hundredweight. Feeder pigs steady to 5.00 lower, spots to 9.00 lower. US 1-2 20-30 lbs. 121.00-125.00, 30-40 lbs. 89.00-116.00, 40-50 lbs. 84.00-110.00, 50-60 lbs. 78.00-99.00, 60-75 lbs. 78.00-86.00; US 2-3 25-40 lbs. 89.00-106.00, few at 125.00, 40-50 lbs. 75.00-85.00.

Oklahoma Cattle

Wednesday, December 5
Report supplied by USDA

Feeder Steer and Heifer Calves 1.00-4.00 lower, mostly 2.00-3.00 lower. Snowy weather conditions having an adverse affect on calves with quality less attractive than Tuesday. Also more No. 1-2's and 2's offered than previously this week. Many drafts of calves consisted of Mixed Steers, Heifers, and Bulls. Yearling Steers firm; Yearling Heifers not establsihed. Trade and demand light for calves. Trade fairly active and demand good for Yearling Steers. Bulk of receipts consisted fo Medium Frame 1 through 2 400-650 lb. Feeder Steers and Medium Frame 1-2 and 2 350-500 lb. Feeder Heifers

FEEDER STEERS: Medium Frame 1 lot 455 lb. 68.75; 575 lb 69.75; 600-700 lb. 70.00-72.10; 700-800 lb. 67.50-71.80; 800-900 lb. 64.90-65.40, lot 805 lb. 67.05.

Medium and Large Frame Mixed 1-2 Few 300-355 lb. 67.25-68.75; 400-500 lb. 62.50-66.10, lot 440 lb. 61.30; 500-600 lb. 64.25-68.10; 600-700 lb. 64.50-70.00; lot 725 lb. 66.75.

Medium and Large Frame 2 400-575 lb. 58.00-63.55.

Large Frame 2 Holsteins 450-525 lb. 45.25-46.05; Pkg 830 lb. 44.00; 930 lb. 46.30.

FEEDER HEIFERS: Medium Frame 1 475-500 lb. 57.00-57.80; few 650-700 lb. 58.70-59.90; lot 880 lb. 56.90.

Small Frame 1 370-600 lb. 49.00-63.80.

Medium and Large Frame Mixed 1-2 350-500 lb. 53.00-54.00, Pkg 440 lb. 57.50; 500-625 lb. 54.00-55.05; lot 660 lb. 58.60.

Medium and Large Frame 2 350-600 lb. 45.00-50.75.

FOR THE WEEK: Compared with last Wednesday, Feeder Steers and Heifer Calves 2.00-3.00 lower. Yearling Steers steady to 1.00 lower; Yearling Heifers 1.50-2.50 lower in limited test. Slaughter cows 1.00-2.00 lower. Bulls steady in limited test.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, December 5
Report Supplied by PDA

CATTLE 222. Compared with last Tuesday's market, slaughter cows 50 cents-2.25 lower. Few Choice slaughter steers 1050-1500 lbs. 63.00-67.00, Few Good 55.75-65.00, Holstein 49.25-55.25, Choice Holsteins 55.85-61.25, Standard 45.75-53.25. Couple Choice slaughter heifers 59.00, Few Good 51.50-56.35, Few Standard 43.75-51.75. Breaking Utility & Commercial slaughter cows 34.50-37.75, Few 38.75, Individual at 40.60, Cutter & Boning Utility 31.75-35.50, Canner & Low Cutter 28.50-31.75, Shells down to 25.00. Individual Choice slaughter bullocks 58.50, Few Good 49.25-56.25. Yield Grade No. 1 1000-1945 lbs. slaughter bulls, 43.00-49.25.

CALVES 235. Few Choice Vealers 67.00-79.00, Good 55.00-66.00, Standard & Good 70-110 lbs. 40.00-45.00, Utility 60.85 lbs. 25.00-38.00.

FARM CALVES: Holstein bulls 90-130 lbs. 45.00-75.00.

HOGS 115. Barrows & gilts steady to strong. No. 1-3 215-260 lbs. 51.10-52.60. Sows: US No. 1-3 330-690 lbs. sows 40.00-44.75. Boars 30.00-35.00.

FEEDER PIGS 13. Few Lots US No. 1-3 34-91 lbs. feeder pigs 55.00-66.00 per hundredweight.

SHEEP 2. Slaughter ewes. 18.00-25.00.

Greencastle Livestock

Greencastle, Pa.
Monday, December 3

CATTLE 498. Butcher Steers-Choice 64.00-66.10; Medium-Good 51.00-64.50. Butcher Heifers-Choice 61.00-64.00; Medium-Good 43.00-61.50. Butcher Cows- Utility-Good 34.00-39.00, few to 40.25; Canners and Cutters 32.00-37.00; Shells 32.00 and down. Butcher Bulls- Medium-Good 41.00-52.00. Stock Steers- Medium-Good up to 58.50. Stock Heifers- Medium-Good up to 48.50.

CALVES 348. Medium-Good Calves- 160-220 lbs. 70.00-80.00; 125-160 lbs. 55.00-75.00; 100-120 lbs. 50.00-60.00; 80-100 lbs. 45.00-55.00. Holstein Bull Calves up to 80. Holstein Heifer Calves 60.00. Light and Green Calves down to 40.00.

SHEEP and LAMBS 14. Medium-Good Lambs 55.00-61.00. Light and Cull Lambs 47.00-56.00. Butchering Ewes and Bucks 16.00-20.50.

HOGS 239. Good-Choice Butcher Hogs- 190-225 lbs. 49.00-51.00; 225-250 lbs. 50.50-51.35. Good-Choice Butcher Sows- 400 lbs., down up to 47.50; 400 lbs., up up to 33.25. Heavy Boars 33.25. Feeding Shoats - Per Hundred up to 51.00. Pigs - Per Head 11.00-29.00.

Jersey Shore, Pa.

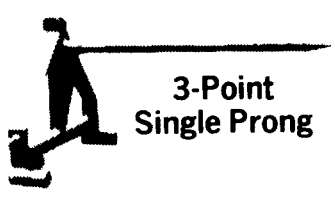
Thursday, November 29
Report Supplied by Auction

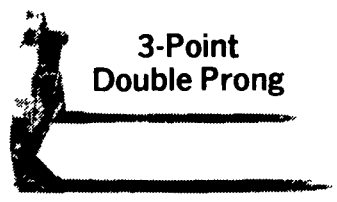
Good Veal 53.00-84.00.
Common Veal 38.00-52.00.
Good Steers 59.50-65.75.
Common Steers 44.00-59.25.
Commercial Cows 36.00-40.75 one at 42.50.
Canners-Cutters 28.50-35.75.
Heifers 44.00-61.75
Feeder Cattle 30.00-46.50.
Bulls 42.75-48.00.
Sows 30.00-44.50.
Eggs .56-.74.

(Turn to Page A32)

PAUL B. Zimmerman INC.

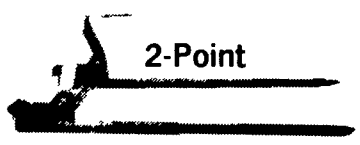
ROUND BALE MOVERS

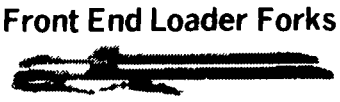




The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.

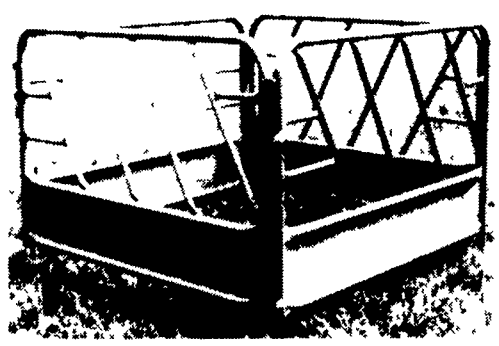
Front End Loader Forks





- Can be mounted on loader bucket in minutes
- No special attachment needed

HEAVY DUTY HAY BALE FEEDER



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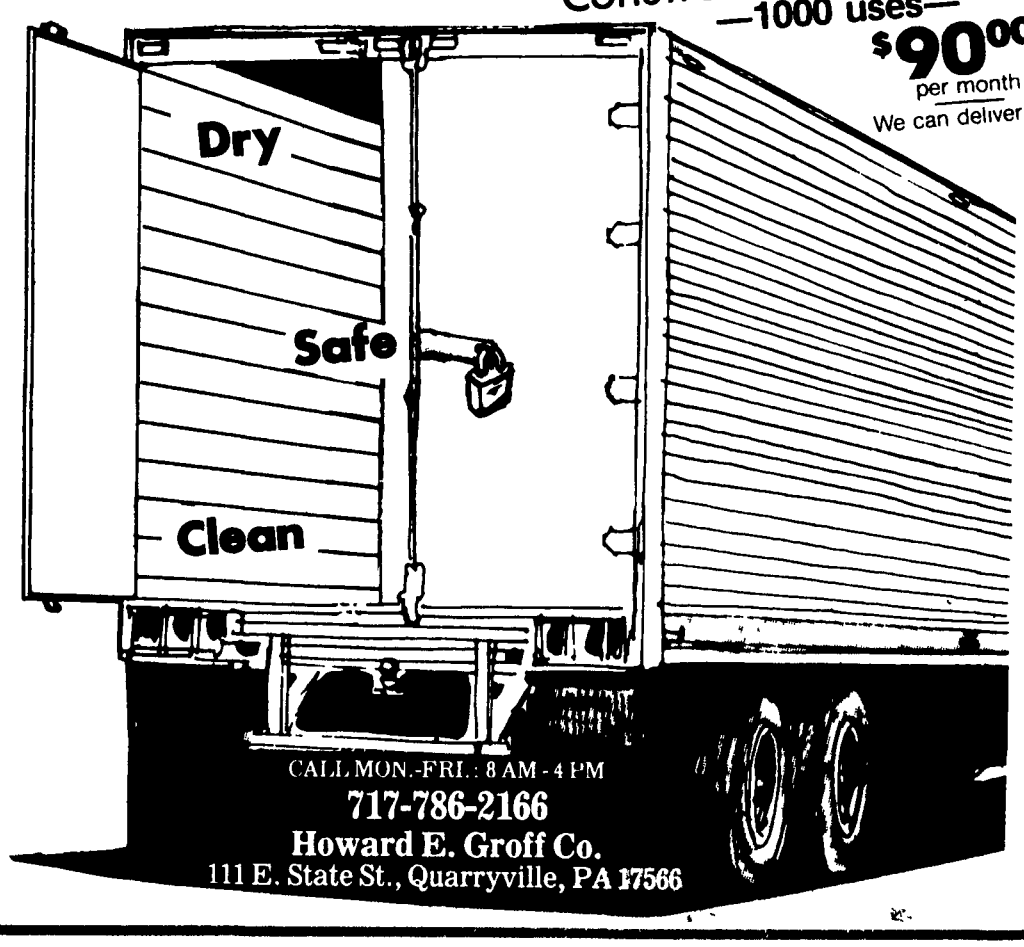

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Milk Marketing Update focuses on cooperation

BY WENDY WEHR

CHAMBERSBURG — Have a question about milk marketing? The men with the answers — representatives of all the major co-ops and an independent milk handler, the executive secretary of the Pa. Milk Marketing Board, a member of the National Dairy Promotion and Research Board, and an Extension milk marketing specialist — were at the Milk Marketing Update held in Chambersburg on Dec. 3.

And why were they gathered? It wasn't an exclusive upper echelon meeting, a policy-makers-only session. They came together at the invitation of the Franklin County dairy extension agent to talk with local dairy farmers about milk marketing.

But only a handful of farmers, about 25 to 30, took advantage of the opportunity to learn more about milk marketing and to share their thoughts about the tough problems facing the dairy industry today.

Throughout the day's discussions and remarks, the role of cooperation in successful marketing emerged as a primary concern. In the morning, participants hashed out the problem of infighting and lack of cooperation among the co-ops, while in the afternoon PFA president Keith Eckel attributed the achievements of the national promotion program to the remarkable cooperation of the board members.

In the first session of the day, each co-op representative briefly described what his organization has to offer the dairy farmer. In addition, Wallace Willig, manager of milk marketing at Hershey Chocolate Company, shared the point of view of an independent handler.

Taking part in the program were: H. Eugene Lawson, Capitol Milk Producers; Boyd Cook, assistant manager, Dairymen, Inc.; Earl Forwood, president, Eastern Milk Producers; James Fraher, Inter-State Milk Cooperative; Norman Sollenberger, Lehigh Valley Farmers; and Richard Fries and Paul Hornbaker, Maryland and Virginia Milk Producers.

While many of the co-ops have similar offerings, such as quality programs, and many have also gone through hard times and rebounded from internal problems, each has distinct philosophies and goals.

The challenge, remarked Inter-State economist James Fraher, "is to return a price to our members that will keep them in business." He continued by saying that Inter-State is going about that in two ways: by seeking a fair basic price in the new farm legislation, and by carrying out Inter-State's activities profitably.

In choosing a co-op or other market, Fraher later added, each dairy farmer must ask himself, "What is my philosophy?" and "What are my financials?"

One farmer asked whether a dairy farmer can assume his co-op will take responsibility for good marketing. To this question Boyd Cook, of Dairymen, Inc., responded that each dairyman has a responsibility to work in the co-op, to work within the philosophy of the co-op, for the benefit of all dairymen.

Tom Jurchak's easy going manner during the Franklin County Milk Marketing Update did not belie the serious economic situation that dairymen are facing.

Keith Eckel, PFA president and member of the National Dairy Promotion and Research Board, expressed his enthusiasm about the cooperation of board members in promoting dairy products.

But the morning discussion often returned to cooperation, or lack of it, among the organizations. While Sollenberger, the Lehigh representative, went so far as to claim the other co-ops were giving Lehigh a bad name, the other representatives remarked on their co-ops' often unsuccessful attempts to coordinate and combine efforts.

Even when milk haulers have runs that duplicate those of other co-ops, for instance, they haven't been able to join together to save resources. However, Earl Forwood, who emphasized his co-op's efforts at industry cooperation, did note that Eastern has successful agreements with Dairylea.

And internal personality conflicts were blamed for some co-op problems as well. Each member of the panel placed differing values on the importance of strong farmer-directors, and the need for well-trained marketing and management professionals to run the organization.

One simple but effective idea for balancing the input of the farmer-members and management personnel was noted by Eugene Lawson. He explained that the directors of Capitol always meet in executive session before meeting with management, so that the directors express their ideas in a united manner.

While this lack of cooperation lent a note of discouragement to the morning session, in the afternoon Keith Eckel emphasized the positive results that have sprung from the cooperation of the members of the National Dairy Promotion and Research Board.

The national promotion board was created, reminded Eckel, because there is a serious surplus situation in this nation with regard to supply. "The monies are not in Washington now for an expensive support program," he added.

He stated that the 36 members of the board, despite their varied interests, agreed to sit on the board and develop a program because they are committed to selling the product.

"By May 16, scarcely two months after the board was seated, they approved a $50.6 million contract for advertising and promotion of dairy products," he cited as further evidence of the cooperation of the board members.

Eckel explained that the national board chose UDIA for the advertising contract for two reasons: expediency and coordination. Because the national board wanted to see results as soon as possible, UDIA, with its advertising program already in place, was the logical choice. Furthermore, because UDIA has input from farmers at the regional and state level, there seemed to be the greatest opportunity to put together a coordinated ad campaign.

The national board's concern for showing the quickest results possible to the dairy farmers, said Eckel, is because of the upcoming

(Turn to Page A25)

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Happy Holidays from dairy farmers

TOWSON, MD. – "The dairy farmer. Day-in, day-out, 52-weeks-a-year, he gets up at daybreak and works past dusk to bring you the very finest dairy products he can.

"Now, the holidays are here. A time when family and friends father to give thanks and share in good times. Good times made better by the good things that the dairy farmer provides. Like fresh, wholesome milk; thick, creamy eggnog; clouds of whipped cream, piled high on pumpkin pie; festive cheese log; peppermint ice cream and butter cookies.

"This holiday season, the dairy farmer sends you his best, as he does every day of the year.

"Look for his holiday recipes in the dairy section of food stores everywhere. And be sure to pick up extra milk, cheese, ice cream and other fresh dairy products for the holidays."

This is the holiday greeting that the dairy farmers of the Middle Atlantic Milk Marketing Area are sending out over the airwaves to consumers. The greeting is sent in the form of 30 and 60 second radio and television commercials, which have been developed by the Advertising and Promotion Agency of the Middle Atlantic Milk Marketing Area, MAMMA.

Filmed on a dairy farm in the mid-Atlantic, the television commercial conveys to the viewer a feeling of warmth and the knowledge of the love and labor that goes into producing quality dairy products. MAMMA has budgeted $340,000 to place a total of 242 television spots. Of that total, 81 spots will air in the Harrisburg/Lancaster/York area, 63 spots in Washington, D.C., 38 spots in Baltimore, and 60 spots will be aired in the Philadelphia market. The commercials have been placed in some very prime viewing time, during popular shows like Dallas and Evening Magazine, and during Christmas specials like Perry Como, It Came Upon a Midnight Clear, and The Sound of Music.

Over 1300 radio spots will be aired from November 21 to December 22 in the Philadelphia, Lancaster/York/Harrisburg, Washington, and Baltimore markets. These festive television and radio spots are part of a multifaceted holiday promotion which encourages consumers to use real dairy products for their holiday baking and entertaining.

As a member of the American Dairy Association, MAMMA is also actively participating in the "Season's Treatings" campaign developed by ADA. Delicious holiday dairy recipes accompanied with attractive photographs have been distributed by MAMMA to newspaper food editors throughout the mid-Atlantic. Season's Treatings point-of-purchase displays have also been installed by MAMMA at the dairy case in 2000 area supermarkets and convenience stores. In the displays, elegant photographs show festive dishes for holiday entertaining, and tear-off pads give recipes that call for real dairy products.

"Happy holidays to your family from ours, the dairy farmers of the Middle Atlantic Milk Marketing Area." This season's greeting is being sent to millions of mid-Atlantic residents in the poignant Dairy Farmer commercial produced by MAMMA.

Each element of the holiday campaign conducted by MAMMA is designed to complement and reinforce the other elements, thereby conveying an even stronger message to the consumer.

For more information on the holiday promotion or any of the programs conducted by MAMMA phone (301) 321-0266.

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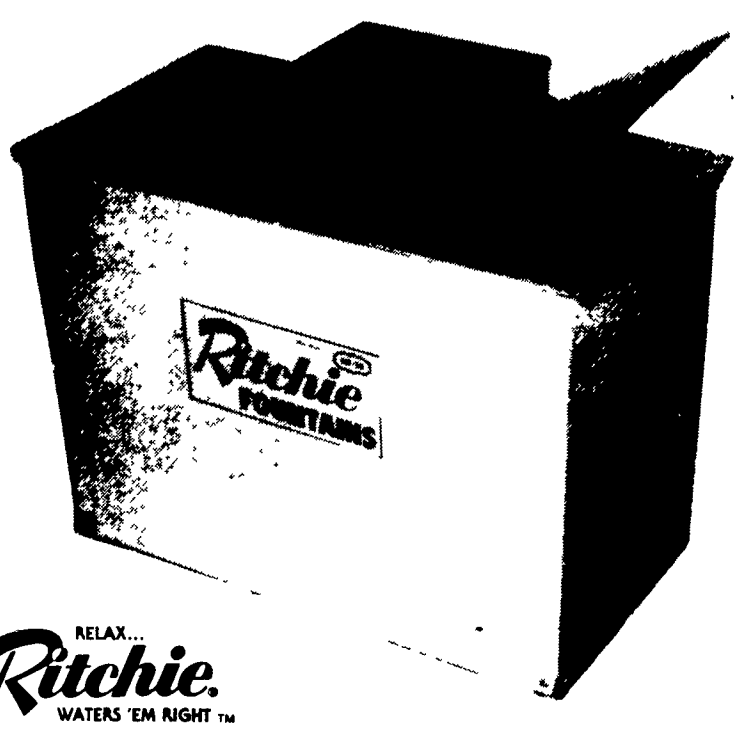

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Ritchie Fountains are tough, too. Quality-built with rugged heavy galvanized steel and CD-50 expoxy finish to stand up to weather and barnlot abuse.

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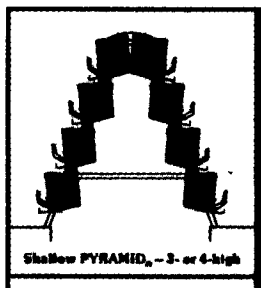

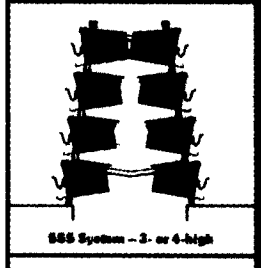

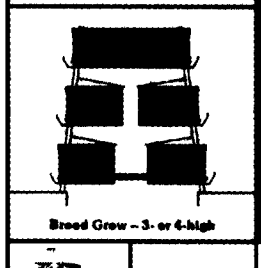

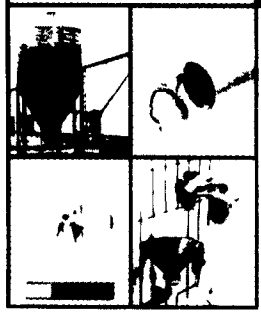

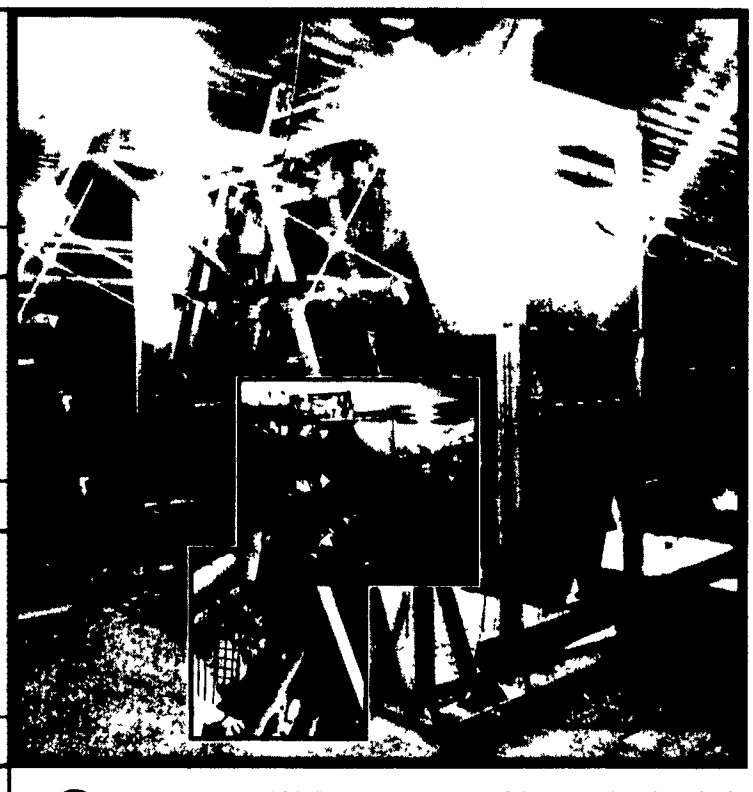

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We'd like to talk to you about the other ways the nearly 200 feeders we've sold are helping owners Our FeedKar is now standard on all Chore Time brood-grow and layer cages our famous shallow PYRAMID and new deep PYRAMID our 3- and 4 high SSS

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CHORE-TIME

Dairylea fills 2 top posts

SYRACUSE, N.Y. — Two management staff appointments have been announced by Dairylea Cooperative, Inc., Syracuse, N.Y.

Arthur D. Little has been named Assistant to the Vice President of Membership.

Michael F. Herron, former general manager of O-AT-KA Milk Products Cooperative, Inc., Batavia, N.Y., has been named General Manager of the Manufacturing Division.

Little has served as the Northeast Dairy Cooperative Federation Inc. (NEDCO) economist for the past 28 years. He has a B.S. in agricultural economics from the University of New Hampshire and a M.S. from the University of Connecticut.

In his new position, Little will continue his work in economics and will be involved in membership and commodity activities.

Little is also Executive Director of the Regional Cooperative Marketing Agency, Inc. (RCMA), a common marketing agency representing Northeast dairy farmers, in which Dairylea is a charter member.

Arthur D. Little

Michael F. Herron

Little and his wife Helen reside in Liverpool, N.Y. and have three daughters — Kathie (Deyo), Karen (Goodfellow) and Debra.

Herron served as the O-AT-KA general manager for the past three years, and previously was the co-op's manager of finance and administration.

Prior to O-AT-KA, Herron worked for seven years in the financial division of the University of Rochester, where he also earned a Bachelors of Science degree in economics.

Dairylea Executive Vice President Bob Hall said, "Herron's experience in both finance and plant management fills a key need in our manufacturing division in Oneida."

Herron and his wife Judith have three children — Darlene, Chris and Dave.

Dairylea is a Syracuse-based milk marketing cooperative with 3,000 dairy farmer members throughout the Northeast.

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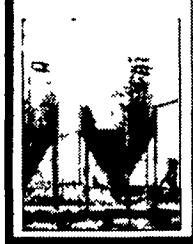
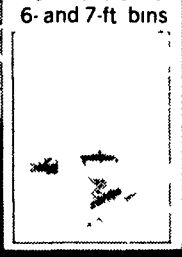
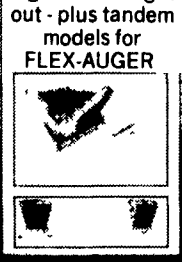


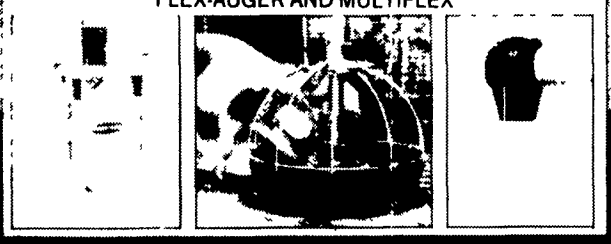
POSIFLO® Feed Flow Control For 6- and 7-ft bins



Bin Boots - 30° angle and straight-out - plus tandem models for FLEX-AUGER



Drop feeder, MEAL-TIME® Swine Feeder, or Outlet Drop - all are available with both FLEX-AUGER AND MULTIFLEX

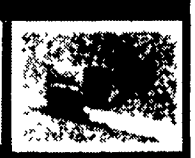


Drop Tube & Flexible Drop are available

Power Pack & Time Clock are used in some applications

Hopper Level Control and Drop Tube Switch are also Available

Power Unit for our MULTIFLEX attaches to any straight section of tubing



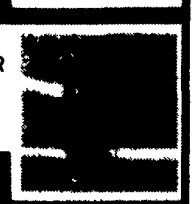
Elbows (90°) can be cut or used together for desired turns

POWER UNIT

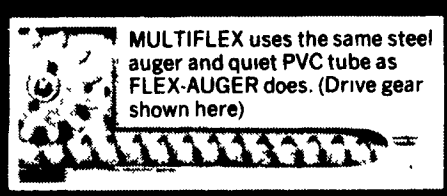
PVC tube makes it easy to drill holes for feeder drops wherever needed along the tube

MULTIFLEX systems can serve buildings of nearly any length and arrangement of livestock or poultry

Transfer or feed from FLEX-AUGER to MULTIFLEX can be made with this setup



MULTIFLEX attaches to any Chore-Time 30° or straight-out bin transition



MULTIFLEX uses the same steel auger and quiet PVC tube as FLEX-AUGER does. (Drive gear shown here)

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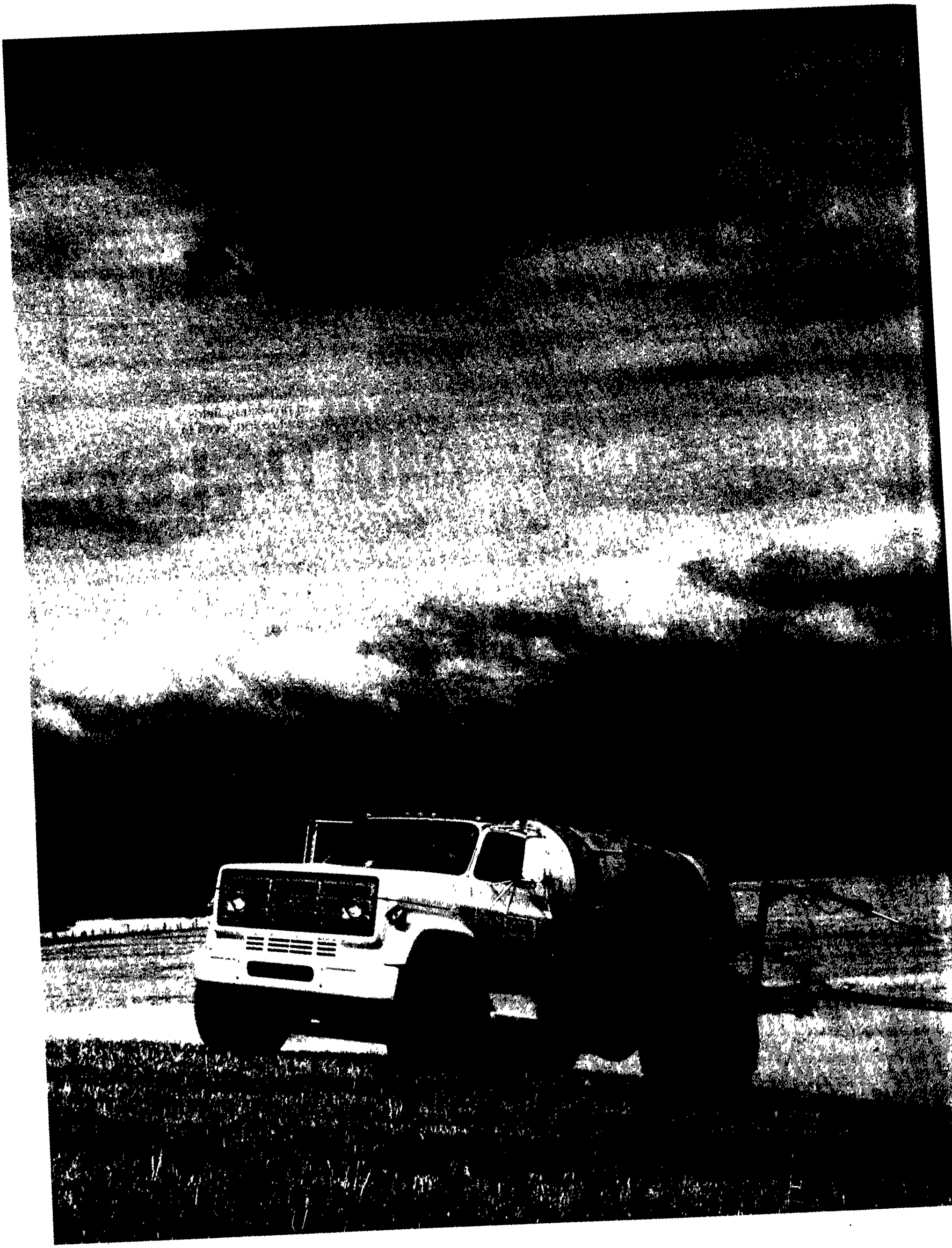

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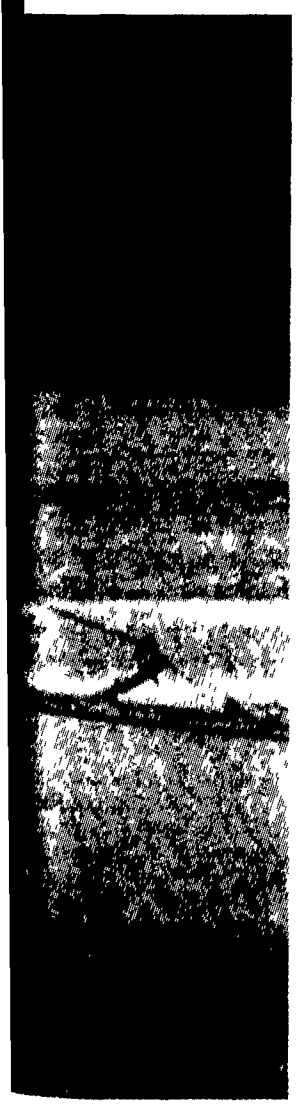
Reduce the chance of yield loss in your no-till corn. Treat with LORSBAN 4E, for the best control of cutworm and armyworm since toxaphene.

For more information, call the Pest Control Hotline for LORSBAN insecticides toll free. Dial 1-800-258-CHEM.

Regardless of the insecticide you choose, ALWAYS READ THE LABEL BEFORE USE AND ALWAYS CAREFULLY FOLLOW ALL LABEL DIRECTIONS AND PRECAUTIONS for safe use.

PERFORMANCE COMPARISON[1] LORSBAN* 4E vs. toxaphene	
LORSBAN 4E	% of grower responses 10 20 30 40 50 60 70 80 90 100
Better than toxaphene	—— (20%)
As good as toxaphene	———————— (80%)
Poorer than toxaphene	(0%)

[1]Based on 34 (12 acre) plots in Virginia and Maryland.



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134 1092-84

Everyone pitches in at Blue Mountain Farms

BY DONNA McCONAUGHEY
Staff Correspondent

ANNVILLE — Pennsylvania has again shown its excellence in producing high quality livestock. When the final results were tabulated from the 1984 KILE Swine Show, three Pennsylvanians had claimed championships.

The market hog show at KILE includes on-foot competition which is then followed by on-rail placings. All animals shown in the live show are slaughtered to obtain carcass figures. That is where the facts are determined. When they are hanging side by side on the rail there is little room for opinion.

This year's Grand Champion Market Hog was shown by Blue Mountain Farms of Annville, Lebanon County. This Duroc, HampxYork cross pig finished with figures of 5.4 loin eye, 0.5 backfat, 33.5 carcass length, and 58.8 percent acceptable lean meat. It was sired by a Duroc boar bred by Guy Harnish of Campbelltown.

John Strawbridge of Stewartstown, York County, claimed Reserve Grand Champion honors. The cut figures on this hog were 5.5 loin eye, 0.6 backfat, 31.8 carcass length, and 58.41 percent acceptable lean meat.

Although Blue Mountain's Champion pig had not placed in live competition, and Strawbridge's Reserve Champion placed last in its class, the Champion of the junior show remained as Champion of junior competition on the rail.

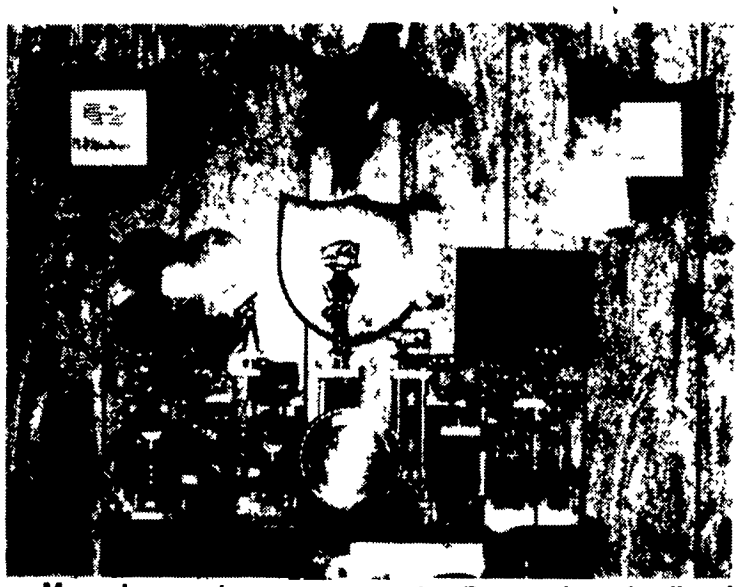
Chrisman of Chambersburg was the proud owner of this hog with final cut figures of 5.7 loin eye, 0.8 backfat, 30.7 carcass length, and 57.03 percent acceptable lean meat.

In this show, Pennsylvania breeders again proved that they can not stand up to, but surpass Midwestern hog breeders.

The Bomgardners of Blue Mountain Farms were very pleased with their winning. A few years ago they had claimed Reserve Champion honors at KILE.

Blue Mountain Farms is owned in partnership by Clarlie and Carl Bomgardner. Totally a family operation, Charlie's entire family carries their share of the day to day responsibilities.

Family involvement is the key to the success of Blue Mountain Farms. Charlie and his family assist with the dairy operation and are responsible for the hog farm.



Many honors have come to the Bomgardner family of Lebanon County over the years.

Bomgardner family's commitment to 4-H is signified by emblem painted on side of barn.

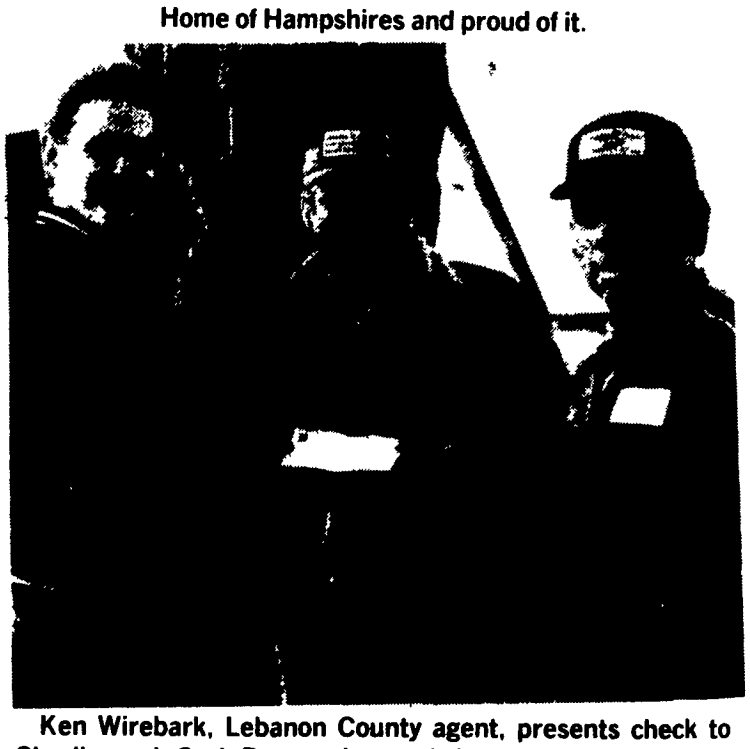
Carl handles most of the management of the 95 cow dairy operation. Charlie and his wife Marlene manage the hog portion of the farm. The entire Blue Mountain Farms includes three farms for a total of 420 acres.

Crops here include corn and alfalfa, and this year Soybeans were added for the first time. Although Carl's family is not old enough to assist with chores, Charlie's two oldest sons have taken a major role in the farm operation this year. "For the first time, this year Rodney (14) and Jeffrey (12) worked right along with the men," says their mother. She is obviously very proud of these two "young men" in the family. In fact, it has been found that they sometimes do an even better job at some of the crops work than can their uncle or father.

Both Rodney and Jeffrey are hearing-impaired and have had to exert much effort in overcoming this problem. Rodney was in the third grade when he was mainstreamed into the local elementary school. With help from his family he found it "between hard and easy," as he said at the time. Perhaps this extra effort has helped the boys to fine tune other abilities. Whatever the reason they have excelled in handling farm equipment in a professional manner.

Not to be left out in this busy family are eleven-year-old Daryl who has just started to do some tractor driving on the farm this year. Kathy, who is ten, takes her turn at milking every other evening and has developed a real enjoyment for this responsibility. The youngest family member, eight-year-old Greg, takes his part in farm chores, too.

Home of Hampshires and proud of it.



Ken Wirebark, Lebanon County agent, presents check to Charlie and Carl Bomgardner, of Annville, for exhibiting Grand Champion Market Hog at KILE.

Blue Mountain Farms of Bomgardners includes 420 acres. Charlie and his family live on farm that houses the purebred Hampshire operation.

Family is important to the philosophy of this farm operation. In fact, their primary focus is not just running a profitable business. "Our number one goal is to make a living for our family in such a way that ALL they learn will be valuable to them in future years," said Charlie.

The role of family in Blue Mountain Farms began when Charlie and Carl began their involvement with their father on this farm. Their activities as they grew up included 4-H and FFA involvement. This has continued into the present. Not only are the Bomgardner children active in 4-H, but Charlie has been a Livestock Club leader for 17 years. Every year they also donate a barrow to the Annville-Cleona FFA Chapter to be used as a project by one of the members.

The Hampshire business at Blue Mountain Farms has expanded in the past. In the fall of 1979 a 35 X 147 foot open front Nebraska-type building was erected to house hogs from eight weeks of age to purebred breeding stock. Charlie made some alterations in the plans which included a second alleyway the full length of the barn. This allows them to be able to hand feed hogs more easily (it actually cut their feeding time in half), to be better able to observe their hogs and to restrict visitors to a specific area of the barn. Nearly all of the Bomgardner's Hampshires are raised in this controlled environment, with only old sows on pasture.

(Turn to Page A24)

Md. conservationist gets Bay post

WASHINGTON, D.C. — The U.S. Department of Agriculture will significantly aid efforts to reduce agriculture's share of water pollution impacts on the Chesapeake Bay, Soil Conservation Service (SCS) Chief Peter C. Myers said today.

The agency has named one of its top officials in the six-state area surrounding the Bay to help provide liaison among the Environmental Protection Agency (EPA); SCS offices in Maryland, Delaware, Virginia, West Virginia, Pennsylvania, and New York; local conservation districts; and local and State governments.

Gerald R. Calhoun, SCS State Conservationist for Maryland for eight years and a career professional in the field, was reassigned to work with the EPA Chesapeake Bay Program Office in Annapolis, Maryland, effective November 11.

The move is based on an agreement signed October 3 between Secretary William Ruckelshaus. It also results from the urging of Senator Charles McC. Mathias (R-MD). Under a memorandum of understanding between the two agencies to be signed in Senator Mathias' office on November 21, SCS will provide for staff support to the Chesapeake Bay Program.

"Our agency has had a long-time concern for water quality," Myers said. "The Bay region will be home to nearly 15 million people by the year 2000. We want to help Bay area residents continue to meet their recreation, food, and scenic needs while helping the region's farmers continue a strong agriculture which also sustains that population and the area economy."

Myers said that land treatment practices such as conservation tillage, contour stripcropping, and grassed waterways can greatly reduce soil erosion and thus reduce the transfer of sediment, farm chemicals, nutrients, and other pollutants to major water systems.

EPA Regional Administrator Tom Eichler said, "Agriculture is considered the primary nonpoint source of nitrogen and phosphorus to the Bay. Working together with SCS and conservation districts, we hope to help more farmers become—as a Maryland slogan says—Partners with the Bay.

"The challenge is clear, because nitrogen and phosphorus encourage excessive growth of algae, which use oxygen needed by other forms of aquatic life. Since phosphorus ordinarily is tied to soil particles, if farmers limit soil erosion they help clean up the Bay. We will identify watersheds where conservation work can make the most contribution to water quality in the Bay."

Pa. Farm Family being selected

HARRISBURG — A special committee is evaluating applications submitted on behalf of two state families nominated for the 1985 Pennsylvania Farm Family, according to state Agriculture Secretary Penrose Hallowell.

The nominees include Kenneth and Ruth Moore of Windham Township, Bradford County, and Daniel and Amy Brubaker of Ephrata, Lancaster County. One of the families is to receive the award during Secretary of Agriculture's Night, Monday, January 14, at the 69th Farm Show.

"These farm couples, who have a total of 99 years of Farm Show exhibiting experience between them, are representative of the traditional values of Pennsylvania farmlife," said Hallowell, who will make the presentation. Eligibility guidelines are based upon experience and success in exhibiting at the Farm Show and other agriculture related events at the complex.

Kenneth and Ruth Moore have operated a 300-acre farm in Bradford County since 1944. Initially involved in both dairying and the sheep industry, the Moores sold their dairy in 1969, and focused their efforts on raising 400 head of champion Dorset, Hampshire, Shropshire and Rambouillet sheep.

They have exhibited in every Farm Show since 1938, earning their first blue ribbon in 1948. They showed the Rambouillet champion ram and ewe from 1960-63, and garnered the honors every year from 1973-84. They have exhibited at every Keystone International Livestock Exposition (KILE) since its inception in 1957, earning several premier exhibitor awards with their entries.

Daniel and Amy Brubaker are the first of three generations of Brubakers participating in the annual Farm Show. Daniel showed samples of sure crop corn at the 1931 Farm Show, expanding to several classifications, including tobacco, fruit, honey and nuts in 1984. His only absences at the show were during World War II years, when no shows were scheduled, and in 1978 because of illness.

His wife Amy "put up" some fine jams and canned goods at the 1935 show and has been a participant every year through 1974. Together, they have won more than 50,000 ribbons in county fairs and Farm Show competitions.

Their son Clyde began showing at the Farm Show in 1947. He and his wife Dorothy have won blue ribbons in Angus steer, market steer and lamb competition, earning a total of nine champion and six reserve champion awards between them. Their son and daughter, Ken and Sarah, have continued the Farm Show tradition by winning blue ribbons in Hampshire and Shropshire sheep divisions at the Farm Show and at KILE.

Festivities launching Secretary of Agriculture's Night at the Farm Show get underway at 6 p.m with a special Border Collie/Sheepdog Demonstration, which will be followed by the awards ceremony. The events are free and open to the public.

Milk call set at ten percent

NEW YORK, — Market Administrator Thomas A. Wilson invoked the call provision under the New York-New Jersey Milk Marketing Orders at the ten percent level for December 1984. This provision, Section 1002.27(g), became necessary because handlers regulated under the Orders were unwilling to supply sufficient quantities of bulk farm milk for the Class I-A fluid market. Class I-A milk is milk sold in federal milk orders as fluid milk products such as homogenized, flavored, low test and skim milk.

Mr. Wilson stated that all Order No. 2 handlers in December will be required to have at least ten percent Class I-A utilization for designated pool plants and units. Any such plant or unit that does not meet this percentage will have its designation or pool status cancelled or suspended.

This announcement follows a public meeting held on Nov. 20, in Syracuse, N.Y., at which industry comments were heard. A determination of the desirable utilization percentage for the month of January 1985 will be announced at a later date.

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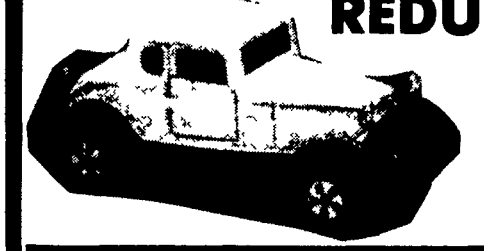

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- Kub SOLD 210 Diesel
- 5600 Diesel, Used
- 6610 4WD Demo
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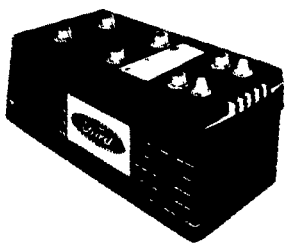

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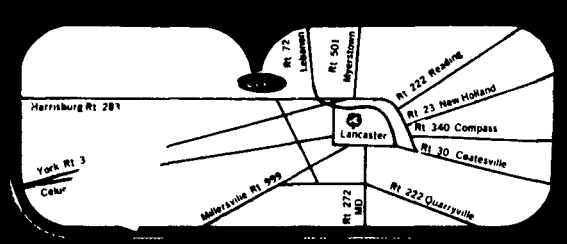

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Moyer herd averages outstanding in Somerset DHIA

SOMERSET — One dairy farmer took awards in all categories for highest herd averages this year in Somerset County. The 36-cow registered Holstein herd of Glenn M. Moyer, Friedens, produced the most milk, butterfat, and protein in the county according to the annual DHIA summary for the 1984 testing year.

Moyer's herd averages were 23,328 lbs. milk, 876 lbs. fat, and 787 lbs. protein. These records were achieved on a three-times-a-day milking schedule.

The Moyer herd also won the county award for largest yearly increase in fat with 134 more pounds of butterfat.

The next highest fat record, and the only other record to top 800 lbs., was that of Latuch Brothers, Rockwood, with 810 lbs.

Other dairy farmers with herd averages over 750 pounds of butterfat were: Donald Glessner, Berlin; George C. Stahl, Somerset; Lewis Berkley, Berlin; Gary and Nancy Lynch, Friedens; Tice-Platz, Boynton; Claradale Farms, Salisbury; Glenn E. Johnson, Rockwood; William and Vera Shultz, Berlin; and Leon Knepper, Berlin.

Seven Somerset County dairy herds had milk averages over 20,000 pounds. In addition to Moyer they were: William E. Hunsberger, Davidsville; Latuch Brothers, George C. Stahl; Lewis W. Berkley; Tice-Platz; and William and Vera Shultz.

Dairy farmers with over 700 pounds of protein were Moyer, Stahl, Shultz, and Hunsberger.

Three individual cows were recognized for high milk, fat and protein production as well. "Polly," a 4-year-old Holstein by VKF Astro Ging-Twin, had the high milk and protein records of 33,771 lbs. milk and 1,022 lbs. protein. She comes from the Hunsberger herd, which is milked three times a day.

In the fat category, "Lisa," an aged cow by Pennstate Ivanhoe Star from the Donald Glessner herd, produced a high of 1,356 lbs.

In addition to the production awards, James Mostoller, Friedens, was recognized for the county's lowest somatic cell count of 130,000.

In Somerset County last year, 136 herds participated in DHIA. The county milk average was 15,910 lbs. with 606 lbs. fat.

Del. plans vegetable bond hearing

DOVER, Del. — The Delaware Department of Agriculture has scheduled a public meeting for Tuesday, Dec. 18, to discuss a possible increase in the bond required by dealers who buy or sell fruits and vegetables in the state.

Delaware Agriculture Secretary Donald J. Lynch will be chairing the meeting at the Department of Agriculture Conference Room, Route 13, near Camden beginning at 10:00 a.m.

The current bonding law requires dealers to purchase "a good and sufficient bond in the minimum sum of $1,000.00 or in such greater amount as is equal to the maximum amount of gross business done in any month in this State during the preceding year by the applicant, but in no event shall the amount of bond required exceed $20,000.00".

Some growers have expressed concern to the Department that this $20,000.00 limit is too low, according to Secretary Lynch, since a buyer can purchase more than that in a single day. The current legislation was written in 1968.

The Department is interested in receiving comments on the bonding limit from growers, shippers, brokers and other agricultural interests. Persons who cannot attend the public meeting should submit written comments by Monday, December 17, 1984 to Robert C. Berry, Director of Production and Promotion, Delaware Department of Agriculture, Drawer D, Dover, DE 19903.

PFU convention scheduled

HARRISBURG - On Jan. 22 and 23, 1985 the Pennsylvania Farmers Union will hold its 13th Annual Convention at the Hotel Hershey. Among the guest speakers will be Cy Carpenter, President of the National Farmers Union. Delegates will meet to elect the Pennsylvania representatives for the National Farmers Union Convention in March. They will also adopt the policies which will guide Pennsylvania Farmers Union activities for the coming year.

Pennsylvania Farmers Union serves over 4500 members in 31 chartered counties.

Blue Mountain Farms

(Continued from Page A22)

Charlie received recognition for his efforts in producing hogs when he received the 1982 All-American Pork Producer award. This recognition is given to a producer who is selected by fellow producers. It is given to a man under the age of 40 who has made "outstanding contributions to the pork industry."

Although Carl and Charlie have been successful in their business, they stress that they "don't just live here for our business." Both families are very community oriented. Charlie is involved in the Meckville Mennonite Church, Annville-Cleona Young Farmers, Lebanon Valley Tractor Puller' Association and charts the Lebanon Area Fair Tractor Pulling Contests. A new endeavor this year for him was serving as Assistant Coach for the Bellegrove Little League which he enjoyed a great deal.

It seems to be this well-rounded atmosphere and family effort which keep these two families working together. The Bomgardner's made a major decision this fall regarding their hog operation. When their hired man quit, the family decided to cut their Hampshire herd to 25 sows and to handle the chores themselves. They held a Fall Production Sale to assist in cutting their herd size.

Charlie's wife Marlene has always been involved in the farm. As they lost their hired help and her children grew older, Marlene has become even more involved. She now works side by side with Charlie in doing all the tasks involved in a purebred hog operation. Marlene doesn't mind helping to move hogs because she thinks her presence "helps to keep his (Charlie's) nerves calmer."

One of the most thrilling things Marlene has become involved in is some free-lance writing for Farm Wife News. She is constantly learning new things every day. Her most recent accomplishment was placing in the Hampshire Journal Picture Judging Contest. Her family tells her it was just luck, because she beat all of them–but Marlen knows it was skill and not luck.

The Bomgardners plan to continue this family operation utilizing the philosophy that has carried them through the past. Marlene shares a quote which summarizes how they approach each new day. "In all of life, there is nothing so significant as the next five minutes, and whether or not we use it to do what God lays before us." (George MacDonald)

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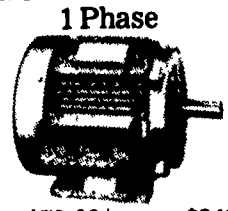
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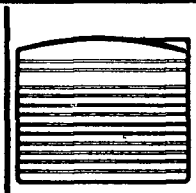
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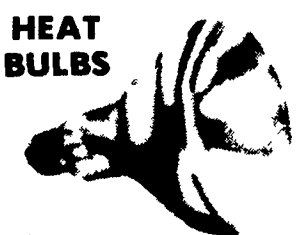
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Prices Effective Thru December 15th

Phil Wagner, right, Franklin County Extension dairy agent, organized the milk marketing update. Here he discusses the program with dairyman, Cliff Hawbaker.

Milk Marketing Update

(Continued from Page A17)

referendum for continuation of the program.

When questioned about the chances of the referendum passing, Eckel did admit that a number of variables were at play, including the possible April and July reductions in the support price. "I'm sure the impact the national dairy promotion board will be able to show by the referendum will have a great effect," he said. "We have never seen this ambitious a program."

The decreasing consumption of milk and dairy products over the years, claimed Eckel, is due to the farmers not being actively involved in selling and marketing the product. The nationally organized promotion program, he continued, will aggressively begin the job of retaking our share of beverage consumption.

But both Eckel and marketing specialist Tom Jurchak warned the dairy farmers to look carefully at the variables that are currently taking place in the market situation.

Consumption has increased four percent this year, and it would be easy to credit the promotion programs for the upswing. But remember, said Eckel, that such factors as the improved economy and the relative good buy that dairy products are today may be the real causes of consumers' buying behavior.

Jurchaks' comments too, cautioned the farmers about "getting the wrong signals" from the recent increase in demand for milk. While handlers may be knocking on your barn door and crying for more milk now, said Jurchak, no one knows what lies ahead.

He cited three main variables that depend on each other and will be determining factors in future milk prices: the results of the diversion program, the success of the national advertising and promotion program, and the support price adjustments.

"I don't think we can avoid the 50 cent adjustment in April," said Jurchak. But predicting what happens after that is less certain.

"We're on the right track, bringing everything to bear that we can," commented Jurchak in reference to the variety of avenues that are being pursued to aid the ailing dairy industry. But it seems that dairy farmers will need to gear up for uncertain economic times in 1985.

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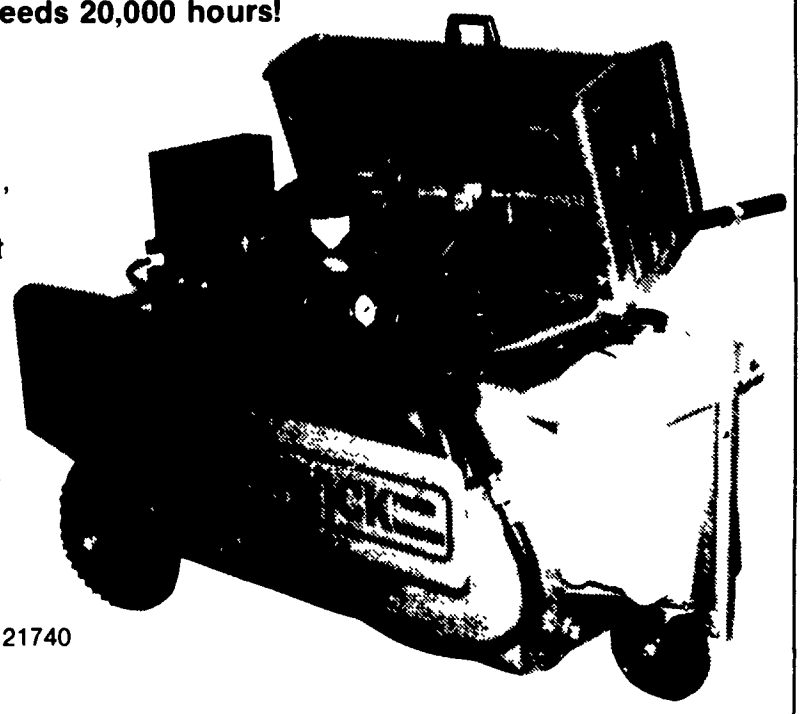

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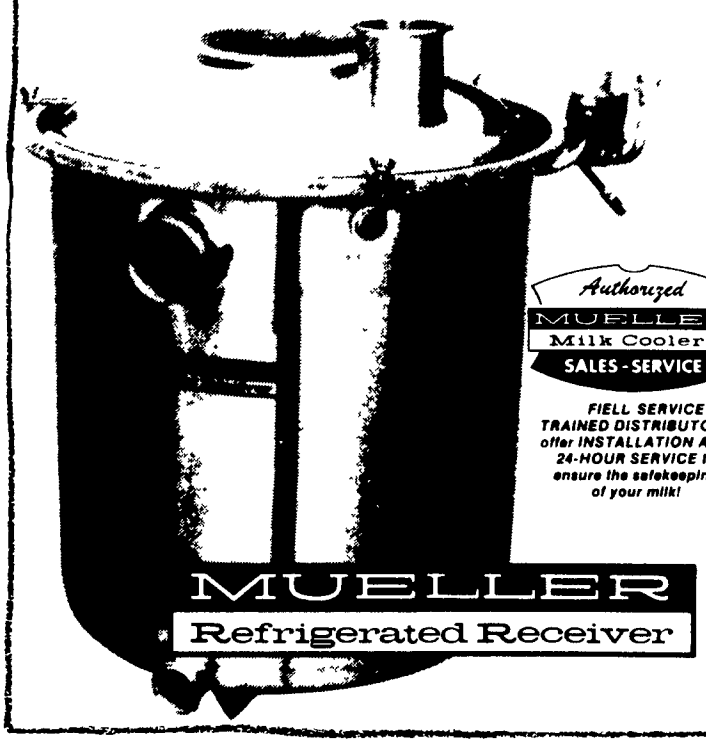

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Dam and daughter top Dreamstreet Production Sale

LANCASTER — The auctioneer's gavel dropped at $7500 for the top-selling Dreamstreet Holstein on Thursday, Nov. 29. Nearly one hundred cows and heifers with the Dreamstreet prefix were put up for sale during the Dreamstreet Production Sale at the Guernsey Pavilion, Lancaster.

John Merryman, Sparks, Md., purchased the high-selling cow, Dreamstreet M Boot-Nick Maxine. The three-year-old is out of Dreamstreet M Apache Maxi, an EX-92, 2E cow with an 18,550 lb. milk record.

And it was the Maxi cow who brought the second highest bid of the sale. A fourth generation excellent, she was purchased by George Morgan, Walton, N.Y., for $6,400.

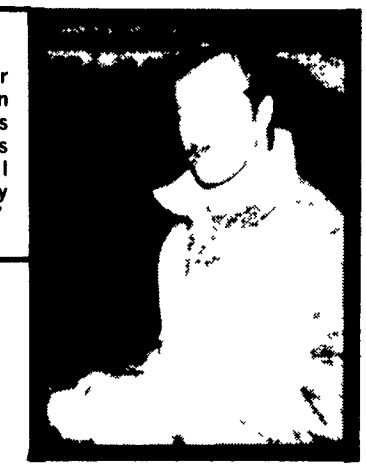
The sale average on 102 head of cows and heifers was $1,447. Prior to the sale auctiooneer Dave Rama described the offerings as "a good honest group of cattle." Bidders had opportunities to select animals from some of the strongest sires in the Holstein breed Total receipts were $154,550.

Manager of the sale was The Cattle Exchange, Delhi N.Y.

HERE'S WHAT FARMERS ARE SAYING ... ABOUT ORTHO UNIPEL FERTILIZER

NOAH KREIDER & SON - MANHEIM, PA
The Ortho Unipel 20-10-10 is extremely important to us in both our potato and corn growing programs The resulting top yields and high quality have made our crop production highly successful. And we are pleased with the way the product handles in the field That makes our job that much easier at planting time We're convinced Ortho Unipel 20-10-10 is doing the job for us

D EDWARD BARE
- BIRD-IN-HAND, PA
"I've used Ortho Unipels for several years and have been pleased with the results This year my best potato yield was with the Unipel program. I believe it takes a quality fertilizer to grow a quality crop "



JERRY MC CLEARY - STEWARTSTOWN, PA
"I first bought Unipels because of the service P L Rohrer & Bro , Inc gave me Now, besides service, I buy Unipels for their consistency, the ease of handling, the uniformity, and the yield results I am well pleased with all the Unipel analyses "

PAUL ROHRER & SONS - LANCASTER, PA
"We've used Ortho Unipel 13-34-10 for years and are pleased with the ease of handling And our Ortho fertility program really makes corn This year we used Ortho Unipel 10-10-30 on our alfalfa and are very satisfied with all four cuts "

DAVID KING & FAMILY
- COCHRANVILLE, PA
"First, I appreciate working with P L Rohrer & Bro , Inc. and the sales staff They're a good organization
Now we try to use the best seed, herbicides, and use the best management we know how to grow our crops We've chosen also to use the best fertilizers available, Ortho Unipel 21-7-14 and 20-10-10 for corn and potatoes The handling and uniformity of these products are the keys as far as we're concerned. Over the years, we have compared Unipels to other programs and it only serves to make us believe Ortho is the way for us It's the yield and quality of our corn and potato crop that makes Ortho the way to go "

ELMER WEBER - PEACH BOTTOM, PA
"I like the uniformity of the product, the way it handles, and the flow through the planter But it's the difference it made in my crop production that sold me on being an Ortho Unipel fertilizer customer "

JAY, JAY DONALD &
JIM STAUFFER - LANCASTER, PA
"The way fertilizer handles in the field is important to our potato operation and Unipels handle extremely well Other fertilizers we've used do not measure up to the Unipel product in this area And the results are there We've been very pleased with the potato crop grown with Unipel 20-10-10 "

MARVIN BRUBAKER
- MOUNT JOY, PA
"I like the quick response Unipel 13-34-10 gives my corn early I've used 13-34-10 for several years, compared it to other programs, but always 13-34-10 gives a quicker start and earlier emergence To me, that's important "

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ORTHO FERTILIZERS

HERE'S WHAT FARMERS ARE SAYING ... ABOUT ORTHO UNIPEL FERTILIZER

CARL & JEFF YODER - ELVERSON, PA
"We like the uniformity of the Ortho Unipel 21-7-14 fertilizer and the way the Unipel 13-34-10 handles and flows through the planter. The yellow streaking we had in our corn fields with the blend fertilizer program has disappeared since we started using the Ortho Unipel fertility program. And the advantages of uniformity really shows up in our corn production."

ROBERT BOLLINGER - LEBANON, PA
"The way the product handles and not having to worry about nutrient separation appeals to me. And we are pleased with the yield results the 20-10-10 gives us in our corn. Product quality, yield results, and the P.L. Rohrer organization keep me with the Ortho Unipel program."

SAM LONG - PEACH BOTTOM, PA
"I like the uniformity of Unipel fertilizers and the way it spreads. My corn seems to stay a darker green and grows later in the season than other corn in the area. I believe that is due to the type of nutrients contained in Unipel fertilizers. And the results are there to have kept me an Ortho customer for at least fourteen years now."

EARL NEWCOMER - WASHINGTON BORO, PA
"I use Unipel fertilizer because of the ease of handling and the pellets are all about the same size and have the same analysis. I don't worry about nutrient separation or a non-uniform nutrient application with my spinner spreader. And with the quick solubility, I know that Unipel fertilizer goes to work right away. Those are the features that make a difference in my corn."

MARK HITZ- LEBANON, PA
"The way the Unipel fertilizer product handles, the solubility which makes it go to work so quickly, the uniformity, and the lower volume of product I handle because of the high Unipel Analyses are the features I like. But it's the crop I grow with Unipels that makes me buy them year after year. Unipel cost more per ton, but the value is there."

JAMES PATCHES - MYERSTOWN, PA
"I like the way the Unipel fertilizer product handles, its ability to go to work immediately even in cold soil, and most importantly, the Unipel uniformity. These are the features I believe that give Unipels the value and results in my crop production. But above all, we are thankful to the Lord who is really the one that gives the harvest."

HAROLD BARE - ATGLEN, PA
"I used to think Unipels cost too much! But with the way they handle, flow through the planter, and the results I get, that Unipel fertilizer is worth the money. My corn program is Unipel 13-34-10 and Ortho Ammonium Nitrate and I topdress my alfalfa with Unipel 10-10-30. "The results, handling, and the convenience keep me on the Ortho Unipel program."

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ORTHO FERTILIZERS

To be a good herdsman is to be involved

BY ROBIN PHILLIPS
Staff Correspondent

READING – Dedication and attention to small details are sure signs of a good employee. These two traits are also valuable features in a herdsman on a large dairy and no one exhibits them better than Richard Kline, herdsman at Scattered Acres Farm, Reading.

Managing a dairy herd of 140 Holsteins and raising all the calves, Kline can almost always be found with his charges. "I'm here a whole day," he proudly says.

Kline is employed by the Hartman family, with the fifth generation of Hartman's currently operating the farm. Scattered Acres derived its name from the 1000 acres in five different townships belonging to the farm.

Dairy stock, replacement heifers, beef steers and bulls are raised by the six Hartman family members on the farm with the help of three additional employees. With this kind of intensive farming of dairy, beef, and crops, every family member is busy with his own specialty on the farm and Kline has proved to be a valuable asset with the dairy herd.

For 35 years he has worked with the dairy operations of the Hartman family. Explaining that he began as parttime help in the 1950's, and took some time off for military service, Kline admits that it's a job that takes dedication.

"You've got to be dedicated," he says, but adds that he loves working with the cows.

"When you breed a cow, you pick the sire, you know the dam, the end result is the important thing. With cows, it's a challenge," he states. "You must be involved." "If you don't have those feelings, you can't be a good dairyman," Kline states.

Kline remembers back to the time he rode his bicycle to work every day.

"My grandparents being German," he says, "believed in working. I had to work for my school clothes."

At this time the Hartman farm was on Route 61, north of Reading. "There were no barn cleaners, no drinking cups, no modern facilities," Kline adds. He remembers feeding 300 pigs and then going to the barn to milk cows by hand. He also adds, "when I started for the Hartman's, their father said at first, 'no we can't use him, he's too small."

He also remembers the elder Mrs. Hartman becoming furious when he was late for dinner.

"But, you know, you just can't drop everything, when you're on the farm," Kline says.

"I came a long way," Kline continues. After the elder Hartman passed away, Kline assumed the management of the dairy herd. It was after the highway came through the farm the second time, that the Hartman family decided to build their current modern facility along Rt. 183, north of the Reading Airport.

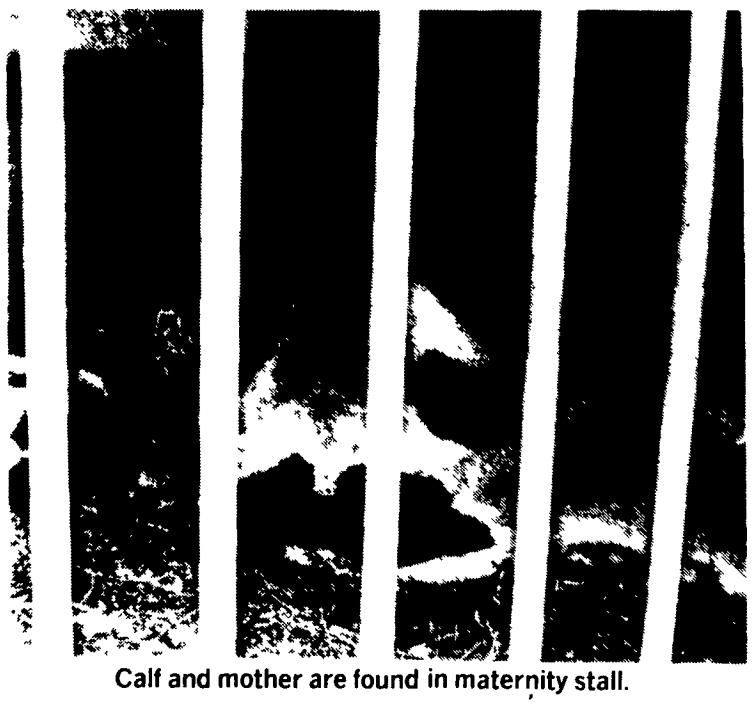
"This is like a dream come true for me," Kline says smiling and motioning toward the double six herringbone milking parlor with automatic take-offs, 175-head free stall barn, maternity area, calf hutches, and feed room with mixer wagon.

The current facilities were constructed in 1972 and Kline incorporated many of the features he always wanted in a new facility. He relishes the maternity and hospital area.

Under Kline's management, cows calve in box stalls bedded with a deep layer of clean straw.

"I think the most important

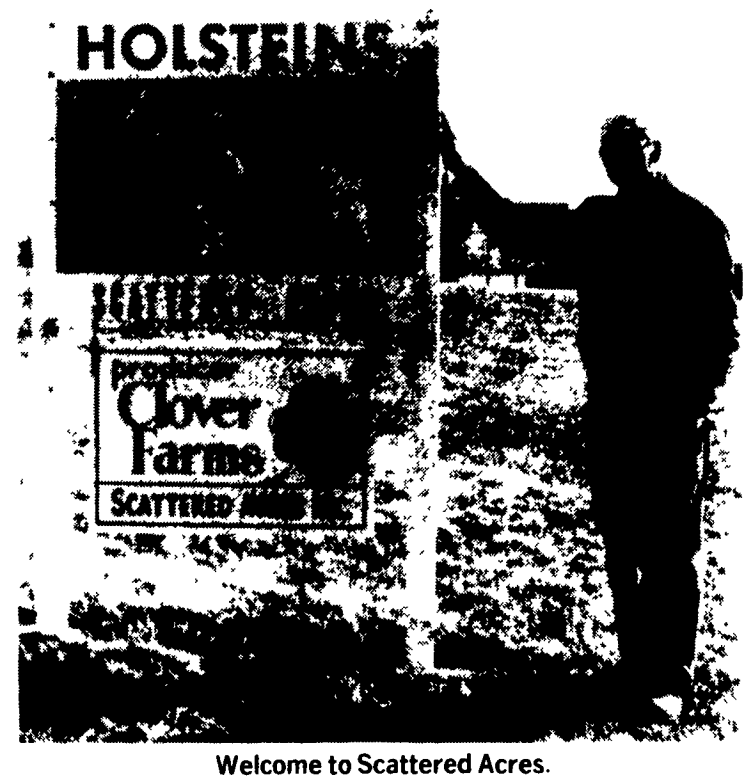
(Turn to Page A32)



Calf and mother are found in maternity stall.

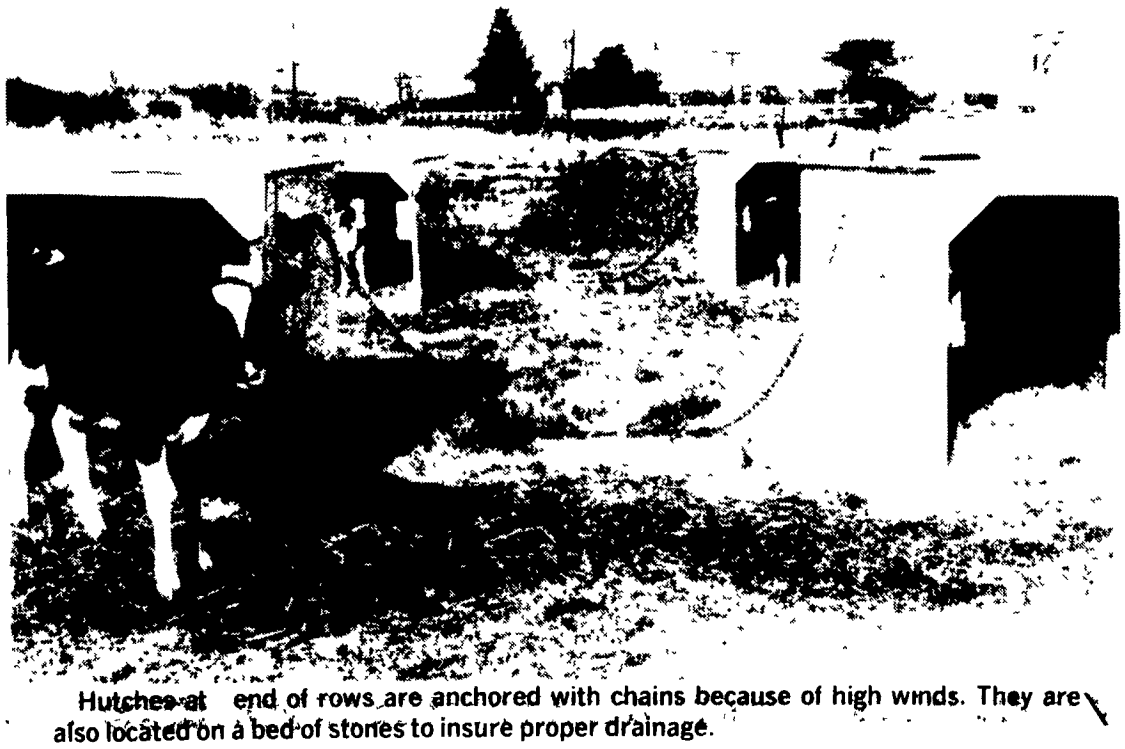
Kline stands with one of his favorite cats.

Cows under the care of Dick Kline at Scattered Acres are grouped in low, middle and high production groups.



Welcome to Scattered Acres.

Ice maker is found in Scattered Acres milk room. Large rectangular box in room fills with ice between milkings. During milking, water is pumped through ice and circulated in upper pipes. Main stainless steel pipe, pointed out by Dick Kline, carries milk, which is cooled to 42 degrees before it reaches tank. Quick cooling holds down the bacteria count.



Hutches at end of rows are anchored with chains because of high winds. They are also located on a bed of stones to insure proper drainage.

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Northeast milk handling changed

SYRACUSE, N Y — At NEDCO's urging and highlighting a major shift in the milk supply and utilization that has taken place in the New York-New Jersey milk marketing area this past year, Thomas Wilson, Federal Milk Marketing Administrator has announced a minimum Class I-A (market fluid) utilization performance standard for handlers to meet, who operate pool plants and pool bulk tank units under the order. The announcement came late on Nov. 29.

The 10 percent Minimum Order "call provision" will apply for the month of December, 1984 and will assure that all handlers, whose milk is pooled under the Order, will do their full share in meeting all consumer fluid milk needs. This minimum shipping standard of 10 percent, in the best judgement of the Administrator, will supply those needs during this period of seasonally short milk supply.

The "call provision" follows a special meeting held by the Administrator on Nov. 20 in Syracuse, mainly at the request of NEDCO along with some other handlers. That meeting was called for the express purpose of considering what the minimum Class I shipping percentage should be for the period November through January, 1985.

The special "call provision" authorized in the Federal Milk Order is seldom used, as ordinarily market fluid needs are regularly met. The last time it was invoked was in the 1950's. The 10 percent minimum call applies only for December at this time, with a possible follow-up minimum percentage to be announced later for the month of January, 1985. None was set for November, as most of the month had already elapsed.

Fluid bottled milk sales within the defined marketing area (Class I-A), currently makes up close to 45 percent of all market milk in the Order 2 pool. However, that amount was found by the Administrator to be supplied by too few of the market's milk handlers. He determined others needed to furnish supplemental fluid milk if they wished to quality for the market uniform blend price, which is a weighted average value of milk used for fluid bottling (Class I) and for manufacturing (Class II) purposes. Use in Class I carries a higher value in the blend price for participants.

NEDCO Chief Executive Officer, Robert C. Forsythe, stated that NEDCO had requested the Administrator take this action because the Cooperative found it increasingly difficult to meet all its fluid needs, even with outside purchases. He cited the need for greater participation by other handlers and cooperatives to satisfy market fluid requirements. He added that NEDCO had gone far beyone the 45 percent market Class I average use percentage in meeting these needs.

"The short supply situation has come about largely as a result of the effect of the farmer funded milk diversion and promotion programs put in place last year by dairy farmers to improve the nation's supply-demand balance in dairy," said Forsythe. "The market experience has completely turned around within the year," he said.

When the Nov. 20 meeting was announced, the Market Administrator explained at that time that "handlers regulated under the Order are unwilling to supply sufficient quantities of bulk farm milk for the Class I fluid market."

Forsythe noted that "we are very gratified that the Market Administrator has taken this action in the public interest to fully guarantee an adequate supply of pure and wholesome milk to consumers."

Sludge guideline booklet available

NEWARK, Del. — Municipal sewage must be treated to remove contaminants and pollutants before discharge into the enviroment. The residue from this process is a dilute suspension of solids called sludge, which contains nutrients (nitrogen, potassium and phosphorus) and organic matter of potential use in crop production. However, sludge invariably contains measurable amounts of heavy metals, toxic organics and disease-causing microorganisms and so must be used cautiously to avoid injuring plants, contaminating the food chain, or polluting the environment.

Researchers and extension specialists at the University of Delaware have prepared a 12-page booklet, "Guidelines for Sludge Utilization on Agricultural Land," which is designed to help reduce the risks involved in sludge application to cropland.

The publication discusses the general advantages, limitations and potential problems related to land disposal of sludge. It also contains sections on the production and properties of sewage sludge, sludge application methods, and regulations governing sludge use in Delaware.

One large section contains general recommendations accompanied by tables showing: the maximum cumulative sludge metal applications for different heavy metals and soil types; the nitrogen supplying capabilities of sludge after the first year; and the relative accumulation of heavy metals in edible plant parts of different crops. Another section tells how to calculate sludge application rates based on nitrogen or heavy metal content.

Copies of this booklet are available free from county extension offices in Newark (451-2506), Dover (736-1448) and Georgetown (856-5250).

York sheep meeting set

The York County Sheep Producers will be conducting an educational Sheep Producers Meeting on Thursday, at 7:30 p.m. The meeting will be held at the 4-H Center near Bair Station. The meeting is open to the public for those who are interested in sheep and wool production.

The speakers for the evening will be Dr. Tom Drake, Penn State Extension Veterinarian, updating the sheep herd health and Dr. Pat Whittaker will join him in discussing the herd health problem. Sidney Bosworth, Penn State Agronomist, will discuss planning your sheep pasture from beginning to end. The meeting is open to the public free of charge.

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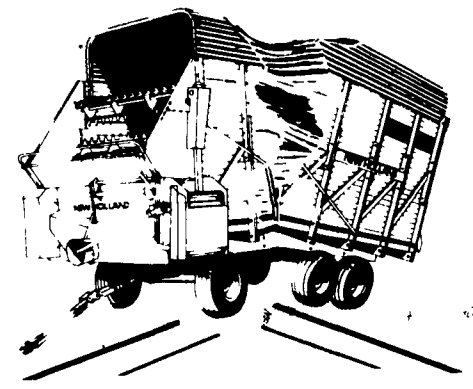

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Purina unveils Hog Chow breakthrough

Dr. Bud Harmon, Purina's director of swine research, discusses the merits of his firm's new line of Hog Chows.

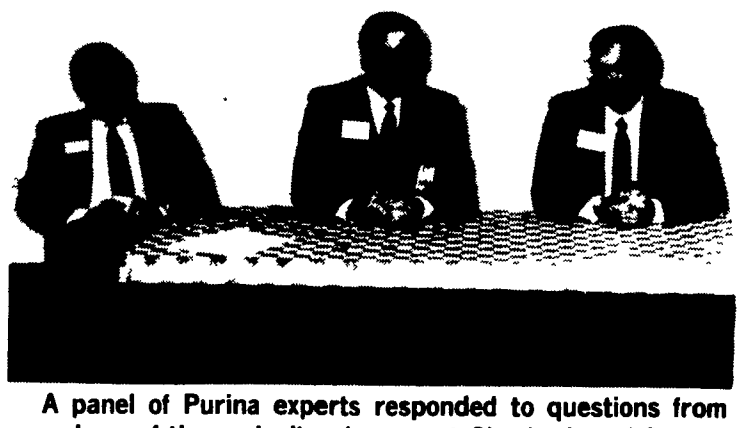
BY JACK HUBLEY

ST. LOUIS, Mo. — In a conference at Checkerboard Square in St. Louis on Wednesday, the Ralston Purina Company announced a new high energy hog chow that Purina researchers claim will set new feed conversion standards for the industry.

Marketed under the brand name High Octane Hog Chow 2.6, the new chow is claimed to yield a pound of weight gain for every 2.6 pounds of feed consumed.

The 3.0 barrier ha been blown to a shambles," said Purina's swine research director Dr. Bud Harmon, who noted that breaking the three-pound conversion rate has been a goal that has eluded the country's top hog producers.

Though a complete H.O. 2.6 ration has been available since the spring of the year, recent technological breakthroughs have permitted the company to market the product in concentrate form, thereby permitting producers to use their own grain in formulating feed.



A panel of Purina experts responded to questions from members of the agricultural press at Checkerboard Square on Wednesday. From left are Dr. Bud Harmon, Dr. Ray Washam and division vice president Brock Lutz.

The key to the product's high level of available energy is its 16 percent fat content, more than twice the amount of fat contained in the company's current leading hog feed.

"Previously you'd have to pump a product like this," noted Harmon, adding that H.O. 2.6's one-eighth inch pellet size incorporates well with grains with no separation problems. "Studies have shown that adding fat in the ration won't increase the fat cover on pigs if other nutrients are adjusted accordingly," said the researcher.

The new supplement is a multi-purpose feed for use in the growing and finishing phases, as well as in starting, farrowing and lactating rations.

According to Harmon, H.O. 2.6 yields a nine percent improvement in feed efficiency and a four percent improvement in weight gain during the growing-finishing period, when compared to the most efficient feeds currently on the market.

In experiments during the starter phase at the company's research center, Purina researchers noted a 10 percent increase in weight gain as well as a nine percent improvement in feed efficiency with the firm's H.O. 2.6 FastStart Chow.

"This translates to two days less time in the nursery, or heavier pigs leaving the nursery in the same time period," said Purina's manager of swine technical services, Dr. Ray Washam.

"This new product represents a great step forward in improving the performance of pigs in the nursery," said Washam, who added that only five death losses were recorded among the 957 pigs on test.

According to product manager Dr. Bill Ragland, the cost of H.O. 2.6 products has been running about six percent above that of the firm's current line of hog chows for midwest hog producers.

"But we feel the product stands on its own quite well," said Ragland, citing the feed's improvement in conversion rate and the producer's ability to move more animals through his facility in a shorter period of time.

Harmon said that the company's new line of H.O. 2.6 products is the culmination of years of study at the firm's Gray Summit Research Farm located west of St. Louis. With its five-man team of researchers, and the capacity to individually feed and evaluate nearly 500 pigs, Purina claims to operate the largest swine nutrition research facility in the U.S.

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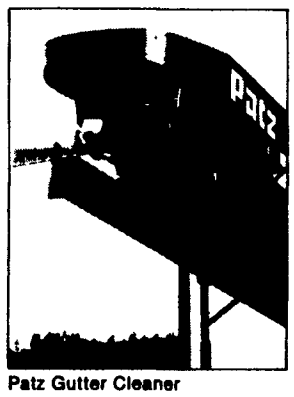

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Report is supplied by Auction

CATTLE 307. Compared with last Tuesday's market; Choice slaughter steers 63.25-68.50, Good 57.00-62.75, Standard 52.00-57.00, Utility 38.00-52.00. Choice slaughter heifers 61.50-64.10, Good 55.00-60.75, Standard 45.00-55.00, Utility 38.00-45.00. Breaking Utility & Commercial slaughter cows 32.50-36.75, few to 41.75, Cutter & Boning Utility 30.00-35.75, Canner & Low Cutter 24.00-30.00, Shells down to 20.00. Good slaughter bullocks 52.00-59.25. Yield Grade No. 1 1200-1965 lbs. Slaughter bulls, 44.00-47.75, Yield Grade No. 2 800-1200 lbs. 36.00-44.00.

FEEDER CATTLE: Steers, 350-750 lbs. 45.00-58.00; Heifers 350-875 lbs. 30.00-47.00; Bulls 350-850 lbs. 29.00-54.00.

CALVES 182. Vealers Good 50.00-72.50, Standard & Good 90-110 lbs. 45.00-52.00, Utility 60-90 lbs. 35.00-45.00.

FARM CALVES: Holstein bulls 90-125 lbs. 50.00-72.50.

HOGS 641. US No. 1-2 210-235 lbs. barrows and gilts 52.25-53.25, few 53.75, No. 1-3 190-250 lbs. 51.50-52.25, No. 2-3 190-270 lbs. 48.00-51.00. Sows US No. 1-3 300-600 lbs. 41.00-44.00, few 47.50, No. 2-3 300-575 lbs. 36.00-41.00. Boars 33.50-37.50.

FEEDER PIGS 437. US No. 1-3 10-25 lbs. feeder pigs 16.00-28.00 per head, No. 1-3 25-50 lbs. 28.00-40.50.

SHEEP 20. Choice 70-125 lbs. Wool Slaughter Lamb 58.00-115.00, Good 50-90 lbs. 48.00-58.00. Slaughter ewes 12.00-22.00.

Peoria Cattle

Thursday, December 6, 1984
Report Supplied by USDA

Slaughter steers and heifers closed the week mostly steady, instances .50 to 1.00 lower than last week, most decline on Wednesday. Cows closed 1.00 to 3.00 lower. Bulls 1.00 to 3.00 lower on Monday and not tested Wednesday. Supply mainly good and choice slaughter steers and heifers with 17% cows. Receipts this week about 2000 as compared with 2714 a week ago ago and 2956 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1200 lbs. 65.00-67.00, couple part loads 1205 and 1300 lbs. 67.50; 900-1050 lbs. 64.00-66.00. Mixed good and choice 2-3 900-1150 lbs. 62.00-64.00. Good 2-3 59.00-62.00. Holsteins good and choice 2-3 1075-1300 lbs. 55.00-60.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1100 lbs. 64.00-66.00; 800-950 lbs. 62.00-65.00. Mixed good and choice 2-3 800-1000 lbs. 61.00-64.00. Good 2-3 58.00-63.00.

COWS: Breaking utility and commercikal 2-3 32.00-36.00. Cutter and Boning Utility 1-2 30.00-33.00. Canner and Low Cutter 27.00-31.00.

BULLS: YG 1-2 1200-1900 lbs. 37.00-43.00 Monday.

Herdsman

(Continued from Page A28)

thing for healthy cows and calves is this," Kline emphatically states.

"Have the box stall beded, good, keep the pen dry."

He adds that cleanliness is always very essential in a good operation.

"Every bucket, bottle and nipple, is thoroughly rinsed with very hot water before I ever give it to another calf."

Kline does not worry too much about getting the colostrum to newborn calves in the first one-half to one hour following birth. He does not dip navels either.

"I break a lot of rules," he says smiling. But with a total of 850 calves raised by Kline, five were lost. With this kind of calf loss, no one argues with Kline's methods.

"I don't take a calf away from a cow until she passes her placenta," he adds. "A cow will get nervous when you take the calf away."

The calf and the dam are kept in a box stall until the cow has cleaned, her udder edema has gone down, and the calf has received all the colostrum from its dam.

Kline's statistic's show that of the few calves that he has lost, 99% were results of complications from delivery, or birth defects.

The dairy herd health has also benefitted from Kline's care. From a herd average in the range of 10,000 to 11,000 pounds annually, the Hartman mostly registered stock is now pumping out a rolling herd average of 16,336 pounds milk, with a 3.7% butterfat test. His methods of starting the fresh cows out in the box stalls with their calves and feeding Ketokurb, a product from F.M. Browns, Birdsboro, have resulted in fewer cows going off feed once they enter the high producing group in the free stall barn. "I did a lot of extra drenching without the Ketokurb," Kline adds.

Kline also credits David Hartman and Carl Brown for formulating better rations through forage testing and use of a mixer wagon.

Dick Kline also has high regards for Dr. David Nirschl, Willow Creek Animal Hospital veterinarian.

"We complement each other," Kline says. "If you don't follow your veterinarian's instructions, you're wasting your money. I follow his instructions."

Kline, however, through his own experience with dairy cows, was able to teach Dr. Nirschl something. "I noticed that when we treated infected uteri, the udder edema would go down. We started treating cows with extreme edema and it would help that and clean up her uterus."

"When I mentioned this to Dr. Nirschl, he said, 'well that's a new one to me, but you're paying for it."

"It works, but he didn't believe it at first," Kline says.

(This does work. On the advice of Dr. Nirschl, the author experienced good results on her own cows.)

Kline currently has cut down on milking the cows as Dean Hartman has assumed more of the milking chores. But, he remains adamant about his procedures in calf raising.

"I'm fussy about the temperature of the milk," he says.

Kline starts his calves on bottles to make sure they get the colostrum into their stomachs. He feeds whole milk. By bottle feeding, Kline says, the calf learns to drink better, and knows about feeding time when it gets out to the hutches.

Calves are raised in hutches until eight weeks old. The hutches are placed on a bed of stones for proper drainage and plenty of clean straw is always in the hutch. They are changed to bucket feeding in the hutches. For four weeks the calf gets two quarts of whole milk twice a day. In the fifth week, a half of quart of milk is replaced with warm water. Each week thereafter, more of the milk is replaced with water. At the end of eight weeks the calf is drinking all water and eating well. At this time they are grouped in box stalls.

If a calf does not drink, Kline will use a stomach tube to make sure that it receives its colostrum and he feeds very little mastitic milk.

"I think if people would take a little more time," Kline continues, "their calves would do much better."

Every cow and heifer at Scattered Acres is bred artificially.

"We all try to watch for heats," Kline says. "I watch all the time.

As soon as you see a little commotion, you watch a little closer," he continues.

Bulls are selected from the top of the list by Dean Hartman and Kline. "We all have our favorite cows," he adds. "I pick the bulls for mine."

Although he owns no cows of his own, Kline does own a share in a son of the "Ivy" cow and uses the semen in the Hartman herd.

"It's very interesting," he repeats about dairy cows and enjoys the excitement of selecting bulls, waiting for a heifer calf, and then waiting to see how she turns out.

He offers these tips for potential herdsmen. "You got to get involved in it." "If you are milking and you know your cows, you'll be able to pick up when a cow is sick." "If you don't see this kind of stuff, a lot of animals will be going to slaughter," he concludes.

Advocating monthly herd checks, Kline also repeats, "being able to pick up on a sick animal is one of the most important things."

Kline also has charge of the yearly farm tours that Scattered Acres hosts in conjunction with Berks County Farm-City Week, and he spends weeks of preparation for this. Everything is washed down and spotless for city visitors. This dedicated herdsman also adds that he gets along real well with the milk inspector.

"He always writes on our paper, "thanks for the good job," Kline proudly states.

This herdsman loves his job working with the cows and calves. He adds that his employers make it even more enjoyable by trusting him with full responsibility for the dairy herd.

"They don't get on my back," he adds and says that this could make a difference in someone doing the best job they could.

He concludes, "I don't think there is anything more miserable then doing a job that you don't like to do."

New Holland Dairy

New Holland Sales Stables
Wednesday, November 28
Report supplied by auction

Reported receipts of 60 cows, 72 heifers, and 2 bulls. Market steady.

Load of NY fresh cows, 760.00-1300.00; springers 900.00-1025.00.

Load of PA fresh cows, 700.00-800.00.

Load of PA fresh cows, 700.00-925.00

Locally consigned cows 400.00-1010.00.

Springing heifers 450.00-800.00.

Open Heifers 240.00-485.00.

Bulls 250.00-500.00.

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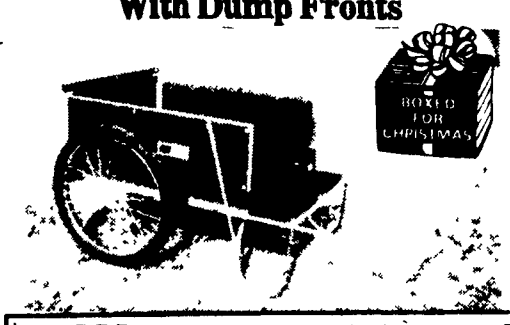

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Better ag bottom line in Md

COLLEGE PARK, Md. — Do Maryland farmers do as well financially as their counterparts across the nation?

The answer is yes, according to Robert J. Beiter, agricultural economist at the University of Maryland. Farmers across the state have a debt-to-asset ratio of less than half of the nation's largest operators, he says.

Debt-to-asset ratio is a comparison between the value of the total operation and the amount of money owed on that operation. Debt management is the key to Maryland farmers' fight to keep ahead of bankruptcy and liquidation, Beiter adds.

"Steady-as-she-goes" is his advice on farm credit expansion. Beiter says farmers in Maryland and across the country must carefully scrutinize potential additions to their total debt since bankruptcy and cash flow continue to be major agricultural problems.

"You never get anywhere without any debt," he says. "But the key is not to go overboard."

Maryland farmers are apparently taking his advice. Beiter says the debt situation statewide is slightly better than that across the country.

Maryland's net farm cash income was up to $266 million in 1982, Beiter says. But last year's drought conditions hurt many in the industry.

Participation in the PIK program and fluctuating markets also affected the distribution and total of farm income, he says. PIK participants and livestock producers had less financial problems than grain farmers who were hit hard by the drought.

Maryland farm assets in 1982 valued approximately $6.7 billion, with total farm debt in the state marked at $1.03 billion. Last year's total equity-to-asset ratio gave Maryland farmers a net worth of 85 percent, according to USDA statistics. This shows that, as a group, they are assuming less debt than they have assets.

Real estate values are an important part of Maryland agricultural financing, Beiter says.

"Our land inflation is as good or better than any other place," he says. "That gives us an edge here. But at the same time, higher land values offer a greater opportunity to get into debt."

In 1983, land made up 78.8 percent of Maryland's total farm assets, with a value of $5.28 billion. Real estate along has a debt-to-asset ration of 12.1 here. Although above the state ratio of 10.4 in 1982, Maryland's figures are still well below the national average.

Red meat production drops

HARRISBURG — Pennsylvania's commercial red meat production (dressed weight basis) during October 1984 totaled 84.1 million pounds, down 15 percent from October 1983, according to the Pennsylvania Crop and Livestock Reporting Service.

Beef slaughter, at 103.1 million pounds liveweight, was up five percent from October 1983. Total head slaughtered was 92,800, up seven percent, but liveweight averaged 1,111 pounds, a decrease of 14 pounds. Veal slaughter was 4.5 million pounds liveweight, up five percent. Calf slaughter of 26,000 head was up two percent, and the averaged liveweight increased five pounds to 171 pounds.

Hog Slaughter, at 38.6 million pounds liveweight, was down 39 percent from a year earlier. Total head slaughtered was 161,700, down 41 percent, but the average liveweight increased seven pounds to 239 pounds. Lamb and mutton slaughter was 1.7 million pounds liveweight, up 54 percent. The number slaughtered was 16,200, up 50 percent and the average liveweight increased three pounds up 102 pounds.

United States commercial red meat production in October totaled 3.67 billion pounds, up four percent from October 1983. Beef production at 2.18 billion pounds was up six percent from last year. Total head killed at 3.48 million was up six percent, and average liveweight increased two pounds to 1,072. Veal production, at 45 million pounds, increased 10 percent from a year ago. Calf slaughter of 308 thousand head was up six percent, and average liveweight increased nine pounds to 248.

Pork production totaled 1.41 billion pounds, up two percent from a year ago. The 8.15 million head killed was up one percent and the average liveweight increased one pound to 244. Lamb and mutton production, at 33 million pounds, increased three percent. Slaughter totaled 606,000 head, up one percent, and the average liveweight increased one pound to 110 pounds.

USDA wins court decision

WASHINGTON, D.C. — The U.S. Ninth Circuit Appeals Court has affirmed a decision by the U.S. Department of Agriculture ordering a $5,000 civil penalty against G.L. "Bud" Cozzi, operator of the Turlock (Calif.) Livestock Auction, and limiting the scope of investigative materials USDA must reveal during administrative hearings.

The case began in 1981 when USDA charged Cozzi and a livestock dealer with concealing their ownership in cattle sold through Cozzi's auction and then repurchased by the dealer to fill orders for a California feedlot.

Cozzi appealed USDA's ruling that he had engaged in unfair practices by failing to reveal on bills of sale that he was sharing in any profits or losses with the dealer.

Cozzi argued that the $5,000 civil penalty was unfair since his case represented a change in USDA policy, that he was improperly denied access to a memo by a USDA auditor which did not recommend formal action against Cozzi, and that USDA should not have refused to make its full investigative report available to the hearing officer for an "in camera" review to determine if it contained evidence favorable to him.

The court rejected Cozzi's arguments and affirmed USDA's position that Cozzi had failed to show that anything in the file created a reasonable doubt regarding his liability that did not otherwise exist, and that Cozzi had a right to receive only those parts of the memo which related to the auditor's direct testimony.

Although granting that Cozzi's case was apparently novel, the court also affirmed USDA's civil penalty, stating that "Cozzi knew or should have known that his order buyer...was engaged in fraudulent practices. In light of that knowledge and Cozzi's failing to act to prevent the double-dealing, a $5,000 fine is not improper."

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To some, our commitment to lending may seem to have waned as we continue our work to help those among you who need it most. But be assured that our commitment has never stopped. When you need us, we'll be there as strong as ever—with aggressive prudent lending, competitive rates, and just plain hard, honest work.

Commonwealth National Bank not committed to agriculture? *It's simply not true,* and no one knows it better than I do.

Charles F. Merrill
President and Chief Executive Officer

Commonwealth National Bank

They never go to bed hungry at Gerrilynn

BY JOYCE BUPP
Staff Correspondent

ABBOTTSTOWN – "He feeds the cows until he's sure they're full. Then he goes around again."

"When they see Dad coming, the cows go, 'Not him again'."

That's how the family of Lynn Wolf teases the Abbottstown R1 dairyman about his feeding program.

But his frequent rounds with the cart and scoop have paid off. When the 1984 York County DHIA year ended in September, the Wolf family's Gerrilynn registered Holsteins headed the list.

Not only did his herd win in milk production, but also topped all other contenders in butterfat and protein. Completed average for the year on the 70 head was 20,392 milk, 778 fat, 678 protein.

Already in 1979, Wolf had topped the county's milk average, but not fat. Through the ensuing years, though, herd average held constant over 20,000 and butterfat beyond the 700-pound level.

Not bad for a dairyman who had problems getting into his school's FFA program in high school, because he didn't come from a farm. Even though Wolf's father did work away full time, the family kept a few cows for about a year when Lynn and his brothers were teenagers. The three sons did the milking before and after school.

"Everyone can do everything" is how Lynn Wolf describes the versatility of his family around the dairy farm. From the left are Debbie, Brad, Lynn, Chris and Gerry.

Lollipop, a VG-86 Marvex daughter, is Debbie Wolf's 4-H project animal. As a heifer, she won a number of top-placing ribbons and Deb exhibited the home-bred at state competition.

"They got a lot of neglect - especially mornings when we were late," chuckles this affable farmer.

After he married Geraldine Boyer, the couple spent four years working with the Ira Boyer family's herd, near Spring Grove.

Purchasing their present farm, just east of Abbottstown and along Route 30, the Wolf's moved in with a total of 15 cows, some of them Gerry's former 4-H animals. That first milking put in the 500 gallon tank didn't even reach the agitator.

"We stirred it with a wooden spoon to get it cool," Wolf relates. "And we milked Guernseys, Holsteins, crosses - anything that gave milk."

Final herd average for that first year on their own, on 22 head, was 13,392 milk with 530 fat.

Six years later tha tank was overflowing with production from the 40 cows, and an 800-gallon bulk unit went in. Recently that became obsolete, and the 70-head output now gently cools in a new 1500-gallon stainless unit.

Original stalls in the barn were designed for Guernseys, so those first winters, while the herd size was building, Wolf tore out the smaller stalls and put in larger ones for his bigger animals. An addition three years ago added 20 more roomy comfort stalls to hold the herd as it expanded to the present size.

Calves are kept in hutches and one heifer greets Brad, Chris and Debbie Wolf.

Constantly striving for an efficient and effective feeding program, Lynn Wolf has added high moisture corn to the Gerrilynn herd rations.

Born and raised on the family's dairy farm, Gerry Wolf is extremely experienced with and knowledgeable about the herd and works with chores ranging from milking to recordkeeping.

Gerrilynn Irene Apollo Brett, Chris' 4-H project, won York County's Holstein milk and fat awards this year in the aged cow division. She compiled a 305-day lactation record of 29,110 lbs. of milk and 993 lbs. of fat. A three-generation home-bred, she's already over 100,000 lbs. of milk in four lactations.

Wolf has only ever purchased one milking cow at public sale, prefering to acquire any additions privately as calves or heifers. Rather, feeding and breeding are his management channels of upgrading this top herd.

Basics of the feeding program are silage, haylage and baled hay, and then Wolf adapts for use "what we have" in the most economical and efficient ration balancing.

That first year the herd topped 20,000, he went on a program of feeding ground ear corn. And when corn silage runs out in the spring, barlage goes in on top to add a change to the ration. That also enables Wolf to get his barley off early, putting it to the best use possible, while following up with a no-till corn crop.

Bulk of the herd's forage is offered at an outside bunk feeder, where cows spend much of their time for exercise and heat detection as well. Before milkings,

(Turn to Page A39)

One was purchased from York dairyman Phil Laughman, and the other two were bought as calves at the Adams-York Calfarama sale.

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Delmarva cattlemen explore options

GEORGETOWN, Del. — After spending a lot of time and energy planning a feeder calf sale that never got off the ground, some 20 members of the Delmarva Cattlemen's Association met Nov. 16 at Chesapeake College to discuss what they can do as a group to improve the marketing situation on Delmarva.

According to University of Delaware extension livestock specialist Ken Kephart, who attended the meeting, president Henry Walls hit the nail on the head with his comment about producers' marketing strategy– "It's raining today and too wet to do anything else, so I guess I'll take some calves to Lancaster."

Dan Enterline, treasurer for the association, recapped their efforts to develop a calf sale. "Delmarva is a spring calving area so we felt a fall sale would be feasible. We drew up a set of health standards modeled after those used in Virginia and planned the sale for October, a prime weaning time on the Eastern Shore. A USDA grader agreed to assist, and Chester Lee Carroll and his staff at Carroll's Sales Company were willing to do everything they could to accommodate us."

Enterline and Ken Kephart visited several farms in late summer to estimate the calves available. At that point, things still looked promising. But as the sale date approached, the numbers just weren't there. Enterline concluded, "We had to cancel the sale. If we had given the go-ahead, we would have done more damage than good."

Frank Bonsall, secretary for the organization, suggested some alternatives to a calf sale. "In Pennsylvania, dealers or graders go to the farms. They grade the calves and give a price on the spot." Calves then go to a collection point prior to final delivery.

Another method, Bonsall said, is to have buyers and producers call in to a central clearinghouse that compiles calf numbers and needs for feeders. Or listings can be periodically published.

Dick Whaley, one of the association's directors, also spoke at the November meeting. He updated the group on proposed changes in membership structure of the National Cattlemen's Association, plus two other national issues–rules on tax shelters and feed-grade antibiotics.

Before adjourning, reports Kephard, the group also discussed possible topics for future meetings. They decided to hold a daytime meeting in late January with a guest speaker and producer panel on culling procedures and the use of performance tested bulls.

For more information on the Delmarva Beef Cattlemen's Association, contact Kephart at the Sussex County extension office in Georgetown, Del. (302-856-5250)

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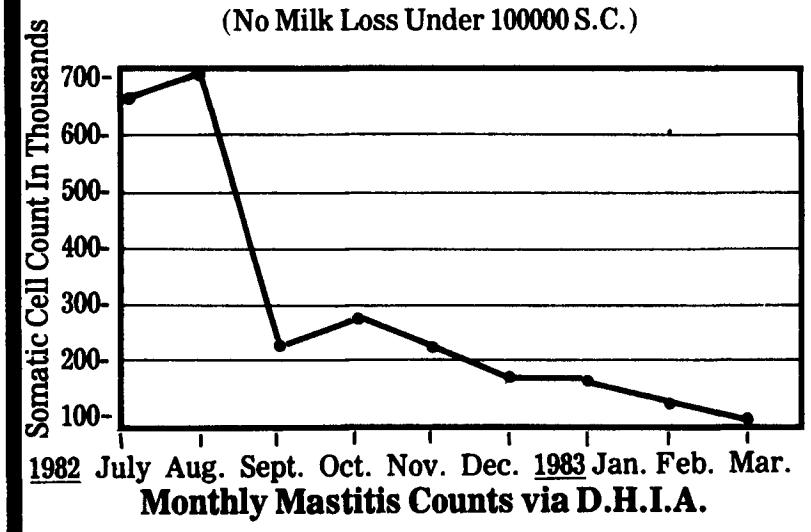

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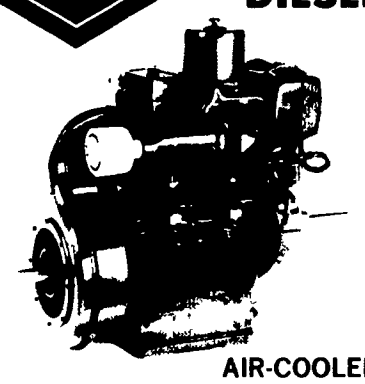

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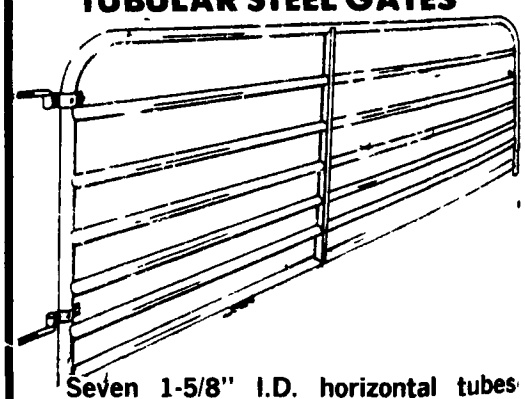

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Dairy Promotion

(Continued from Page A1)

restaurants and at parties came to light.

In the initial focus groups it was also found that most people have a serious lack of knowledge about what whole, low-fat, and skim milk are.

The board also viewed several videotapes of television advertisements that Creamer is developing. Commented Muschweck, "Many people would drink milk if it comes to mind, but they don't think of it. Our objective is to get people thinking of it."

The focus of the advertising, said Muschweck, is that "Milk is a real beverage." He claimed that the Pa. campaign is like no other in the country because it leaves aside all the claims about nutrition and health, and simply promotes milk as a tasty beverage.

The attributes of an adult beverage, he outlined, are good taste, satisfying, and thirst quenching. Portraying Gina Major, current Miss Pennsylvania, as a young career woman who chooses "good taste" will tie in with this theme, he explained.

Along local promotion lines, the board also took action on two more county promotion funding applications. Because not all of the monies allocated for local promotion programs have been used, the board decided that any groups who were not previously funded could still submit funding applications for review by the board.

The final board action was to select two members of the advisory board to attend a National Dairy Promotion and Advisory Board meeting in Dallas in two weeks. The national promotion board is requesting input from the local programs so that promotion on all levels can be coordinated.

Remsburg Memorial Fund

(Continued from Page A1)

"The Remsburg family will handle the fund," he said, "and any ag youth in the area where Doty worked might benefit from it.

"And we're here to try to raise a lot of money for a good cause."

As a three-month-old donated Holstein calf was led into the ring to be sold and resold many times for the fund, son Denny Remsburg commented:

"If Dad was here, he'd say 'let's get going and sell some cows.'"

The three-month-old Holstein calf was donated by Anchor and Hope Farm Inc., of Port Deposit, Md., which was holding a dispersal sale at the Pavilion.

In the first go-around of multiple sales, turn backs and resales, the Holstein calf went across the auction block 10 times and raised some $3,675.

A bit later in the sale, the Guernsey calf donated by William R. Powell and Gene Bendig families of Union Bridge, Md., had her turn.

In some eight sales and resales, she added $1,225 to the fund.

In addition to the sale of the calves, contributions are also being accepted to the fund and may be sent to John L. Morris, treasurer, 5804 Jefferson Blvd., Frederick, Md. 21701.

Farmers kept in business

WASHINGTON, D.C. — Lending programs administered by the U.S. Department of Agriculture have prevented thousands of farmers from going out of business, a USDA official said today.

"According to preliminary figures from a new farm and housing activity report, in fiscal 1984 USDA's Farmers Home Administration made special arrangements with over 33,000 farmers who could not make the required payments on their FmHA loans," said FmHA administrator Charles W. Shuman.

"FmHA county supervisors in nearly 2,000 local offices rescheduled, consolidated or reamortized loans for over 30,200 farm borrowers," Shuman said. "They also deferred part of the loan payments due from more than 2,800 farmers.

"Without these special actions," he said, "these farmers would not have been able to continue farming."

Shuman said USDA also subordinated its lien position on security for over 31,000 FmHA farm loans, for farmers who had borrowed up to the FmHA limit. Those subordinations made collateral available to farmers for their use in obtaining additional credit from private sector lenders.

"Again, most of these farmers would not have been able to stay in business without this special assistance," he said.

"Even in these difficult times for agriculture, over 70 percent of FmHA borrowers are making their payments on schedule. One way or another," Shuman said, "we stayed with nearly 98 percent of all of our borrowers during the year. As a lender of last resort, the case could be made that the agency has kept its present 273,000 FmHA borrowers from going out of business."

Shuman said President Reagan's new Farm Credit Initiatives will give the agency even more authority to assist farmers in fiscal 1985. "We expect that through the additional debt set aside and private sector farm loan guarantee provisions, we will be able to help even more farmers stay in business this fiscal year than we did the last."

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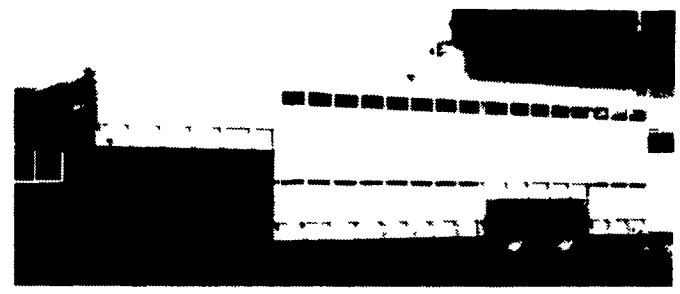

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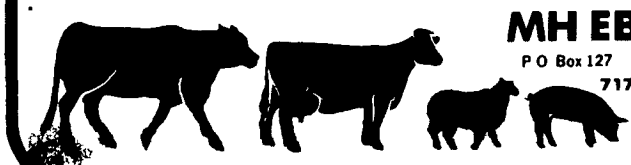

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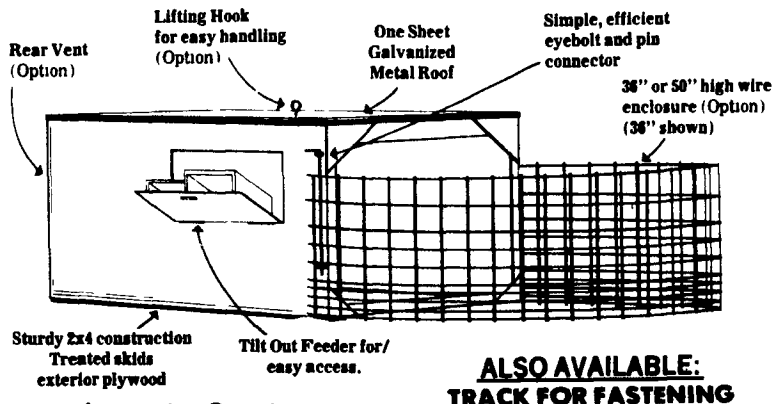
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Red Rose DHIA

(Continued from Page A1)

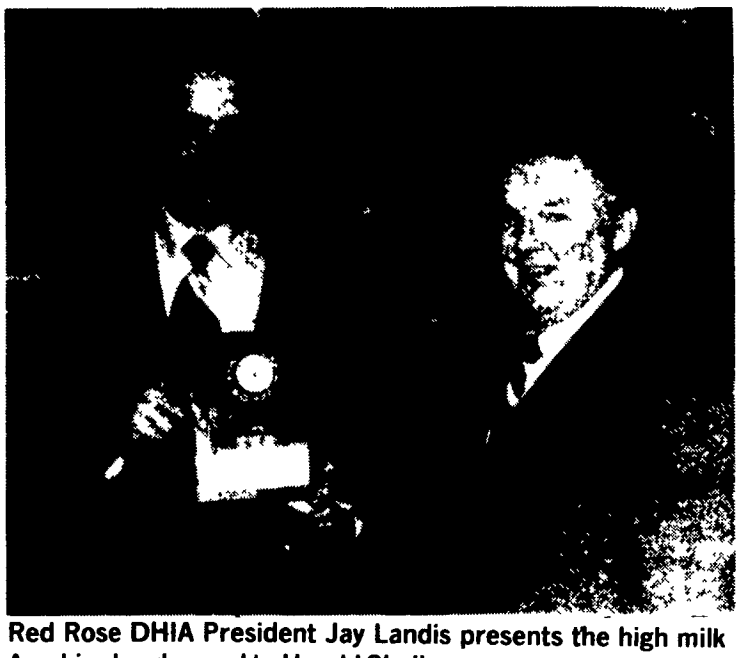
A number of workshops will be run throughout the winter to aid dairymen in better management, including understanding records, genetics improvement, dairy reproduction, and financial management.

As well as comments by Shirk, the DHIA members also heard reports from county manager Jay Mylin, and state DHIA directors Bob Kindig and Ellis Denlinger. The highlight of the meeting was the presentation of numerous production and superior performance awards.

Two Red Rose supervisors won state DHIA awards this year. Harold Probst received the 1984 Superior Supervisor Award, and Tom Garrett was given the Hollinger Award for excellence in packaging samples. Garrett also serves as president of the Pa. DHIA Supervisors' Association.

Nine of Lancaster County's 18 supervisors received the $300 Red Rose Superior Service Award. Thomas Garrett, Dwight Houser, Wilbur Houser, Patti Johnson, James Lehman, Harold Lindecamp, Harold Probst, Jay Risser, and Maurice Welk were the award winners. They had to meet the criteria of mailing samples promptly, making few errors, testing close to the centering date, attending supervisor conferences, and receiving a favorable response from the DHIA members they serve.

Another supervisor award given this year rewarded the DHIA tester who signed up the most new herds during the year. Jonas Miller received a $100 check for starting seven herds out of a total of 22 new herds in the county.



Red Rose DHIA President Jay Landis presents the high milk Ayrshire herd award to Harold Shelly.

John and Susan Howard receive the trophy for the highest milk, fat, and protein herd averages in Lancaster County from DHIA vice-president Jim Kreider. The top averages were 23,441 lbs. milk, 861 lbs. fat, and 761 lbs. protein.

Production honors were bestowed upon several dairy families. John and Susan Howard, Willow Street, with their herd of 40 registered Holsteins, claimed the highest average in the milk, fat, and protein categories. The outstanding herd averages were 23,441 pounds milk, 861 pounds, and 761 pounds protein.

High milk averages for the other breeds were also recognized. Winners were: Robert W. Ulrich, Jersey; Harold G. Shelly, Ayrshire; Kerry and Deborah Boyd, Brown Swiss; Kenneth and Thelma Garber, Guernsey; and Elam K. Stoltzfus, Mixed.

This year 51 herds in the Red Rose DHIA had over 700 pounds of fat. In 1983 only 34 herds topped 700 pounds. In addition, 54 herds achieved averages of over 600 pounds protein.

During the business meeting six new directors were announced. They were: Kenneth Rutt, Jim Kreider, Pharus Hurst, Robert Gochenaur, David DeLong, and Richard Brenhaman. In the Red Rose DHIA, one director serves from each of the 18 supervisor circuits.

Supervisors receiving the $300 Red Rose Superior Service Award were, front row from left, Wilbur Houser, James Lehman, and Harold Probst, Back from left are Dwight Houser, Thomas Garrett, and Harold Lindecamp.

Two Red Rose supervisors received state DHIA awards this year. Left is Harold Probst, winner of the Superior Supervisor Award, and right stands Tom Garrett recipient of the Hollinger Award for excellence in packaging samples.

As part of a special Red Rose DHIA promotional program, supervisor Jonas Miller, left, receives a $100 check for starting the most new herds from Jay Landis.

Left to right are Jay Risser, Patti Johnson, and Maurice Welk, who received their $300 Red Rose Superior Service Awards at Tuesday's banquet.

SEASON'S TREATINGS
REAL

Gerrilynn

(Continued from Page A34)

cows come in for grain, and a 40-percent protein concentrate is also balanced in with the other rations.

High moisture shelled corn was a new taste for these cows' palates this fall. Wolf acknowledges that the butterfat level did take a drop, but a buffer program is being balanced and fat averages have again turned back uphill.

Each cow gets careful attention and individual feed weights, based on DHIA, her age and size. Heifers milking ninety pounds or over and there are several - earn extra helpings.

Wolf's production goals call for animals with appetites, and he's quick to admit an affinity for big cows. Much of the credit for his appreciation for capacious, growthy milkers he gives to Herman Stebbins, former manager of the nationally known Sinking Springs herd north of York.

"You can milk a big cow with a big udder. But try to milk a little cow with a big udder," is Wolf's "big cow" reasoning. "You can also cross a smaller bull to a big cow, and still come up with a sizeable animal."

Heifers here are well grown, bred to freshen between the ages of 22 and 24 months. While milk production is the prime goal at Gerrilynn, and slackers depart for auction unless they show plenty of future promise, type isn't ignored. In the most recent classification, the herd finished with an official B.A.A. of 101.2, and 3 Excellents, 10 Very Goods and 25 Good Plus on the score sheets.

A total of five Excellents have developed from the Gerrilynn breeding lines, with one presently in the herd. She's an Elevation, from an Ivanhoe Star, scored 90-2E, but went Excellent at just four years of age.

Two other Excellents just recently were culled due to problems. One, a 13-year-old, was a 90-2E Topper, and the other a 90-point Kit Builder, also out of an Ivanhoe Star. A ten-year-old, 91-3E, Gay Ideal daughter was lost about a year ago.

"Ivanhoe Star has been good for our herd," asserts Wolf of the popular former Atlantic Breeders son. After seeing Ivanhoe Star daughters at a sale many years ago, and being extremely impressed with their size and scale, Wolf came home and started heavy use of the Lancaster cooperative's bull.

About ninety percent of the present herd now carry Star somewhere in their pedigree generation or two back.

Bulls come under close scrutiny before being fitted into the herd mating program, and must meet Wolf's specifications for both milk and fat, plus carry desirable udder and feet characteristics.

Sires currently in use include Valiant, Chairman, Sol, Dairyman and Jet Stream. One Jet Stream two-year-old in the herd is milking over 90 pounds. Wolf also used Marvex heavily, and has several extremely tall, milky daughters of [illegible] Atlantic sire.

While Wolf [illegible] merchandised an occasional herd daughter, selling breeding stock is not his reason for being in the dairy business.

"I figure I have to keep the best if I want to get anywhere."

Nor does Wolf aspire to own a gigantic spread of acreage. The original purchase included 85 acres, and six years ago he and Gerry bought an adjoining 29 that came up for sale. Additional land, adjoining the farm is rented, for a total in crops of about 200, providing enough acres to amply feed the herd.

"I like to work with cows, not machinery," says Wolf, summing up his feelings about expanded cropping plans.

Truly a family operation, all five of the Wolf family members can generally be found working together to complete whatever needs doing, from milking and feeding to putting away hay.

One full-time employee, Danny Rogers, started working with Wolf as a high-school student, and elected to stay full-time after graduation. He's a grandson of the farm's previous owner, and like the Wolf family members, can "do anything needed" around the barn and fields.

Chris, the Wolf's oldest daughter, is 18 and a history major at York College. She's considering a career in that field, possibly in a historical museum position. Sixteen-year-old Debbie, a junior at Spring Grove, is still undecided about her future plans after high school. Both have been 4-H dairy club members and exhibited their animals at both local and more advanced junior shows.

Brad, 6, is in first grade and the self-appointed overseer of the assorted barn cats, while lending a hand at whatever barn chores he can handle.

As the night grows late, and traffic outside the barn on Route 30 slows from the hectic daytime pace, lights around the barn may go on one last time. It's probably Wolf, making one final round, just to make sure that none of his high-producing girls go to bed hungry.

Johnes session scheduled

BY ROBIN PHILLIPS
Staff Correspondent

HAMBURG — Dairy cattle breeders interested in producing better milk and healthier animals are invited to hear Dr. Whitlock, professor from the University of Pennsylvania, discuss Johnes disease and other contagious diseases at a dinner meeting on Thursday, Dec. 13. Sponsored by the Hi-Protein Breeders of Southeastern Pennsylvania, the dinner-meeting will be held at Schmecks Diner, Rt. 61, south of Hamburg, at 7:30 p.m.

Beginning with dinner on your own, dairymen can become acquainted and trade ideas on the solutions for their troubled industry. Reports and updates on the current efforts of the Hi-Protein Breeders to upgrade standards and promote a "better" milk will also be given. After dinner, Dr. Whitlock will be on hand to discuss contagious diseases which dairymen should be concerned about and answer questions on current research.

Everyone interested in producing and promoting a better product is encouraged to attend. For more information on joining he Hi-Protein Breeders or directions to attend the meeting, call: William Zollers, Mertztown, 682-7880; or Dr. Robert C. Dreisbach, Hamburg 562-3242.

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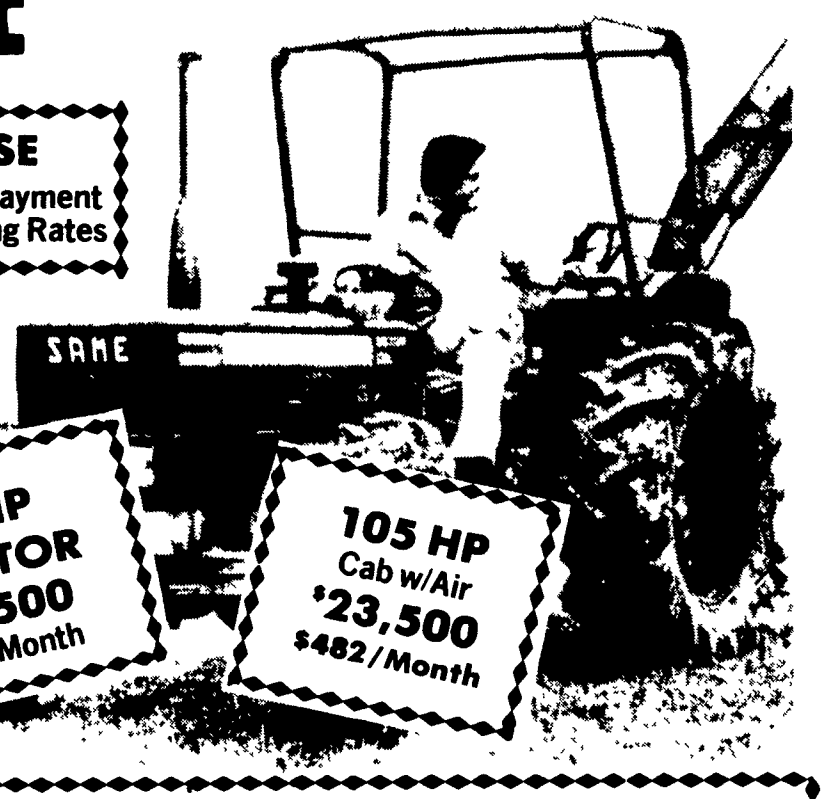

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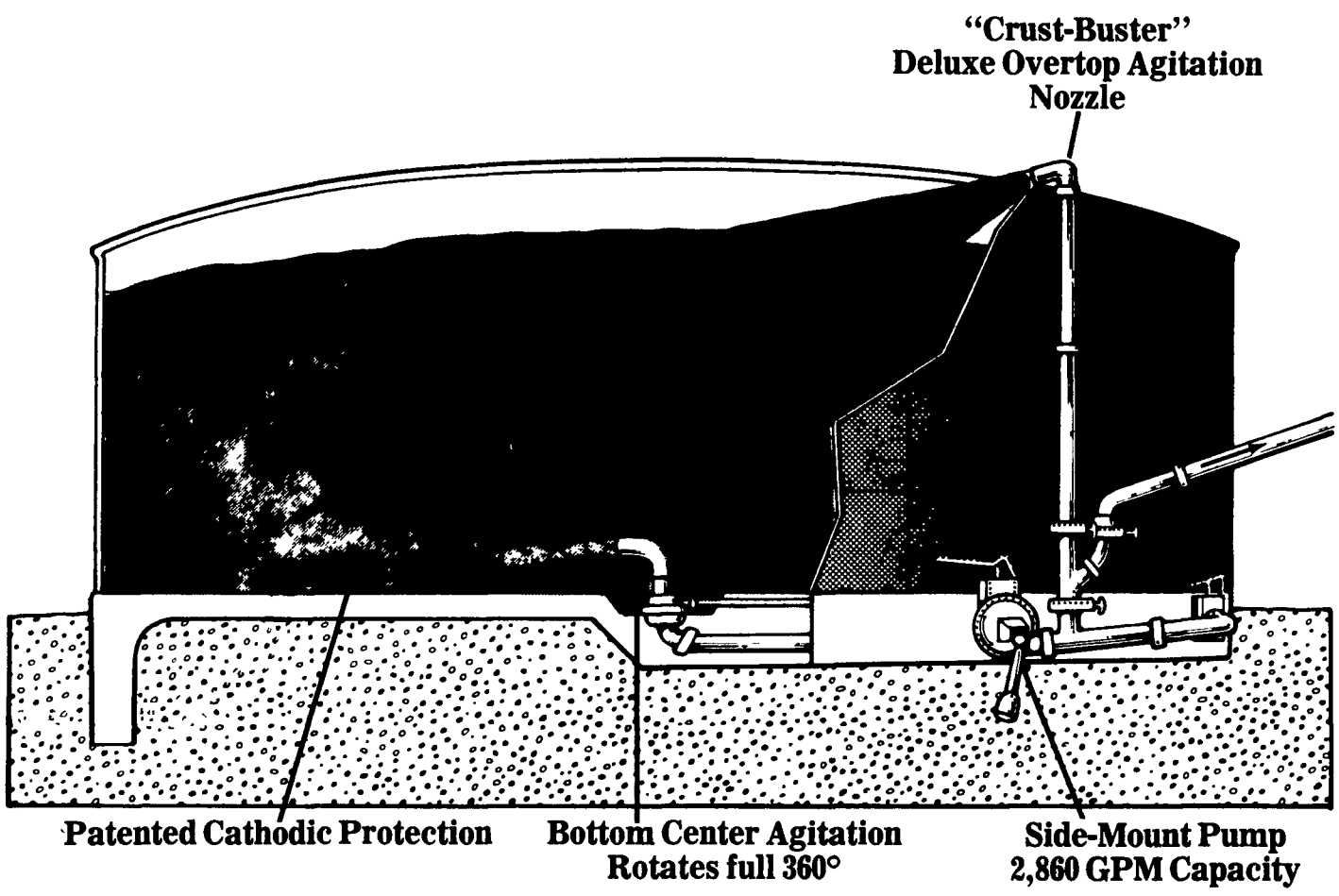

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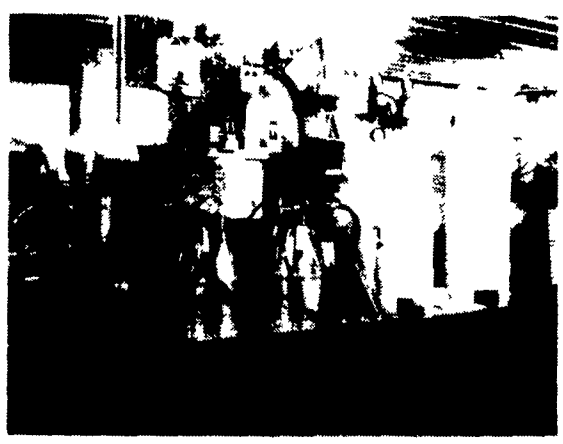

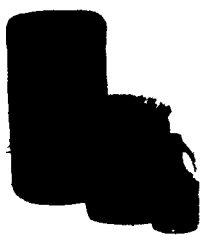

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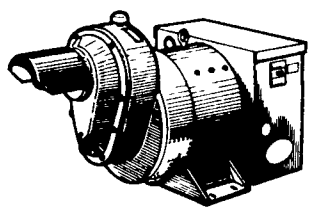

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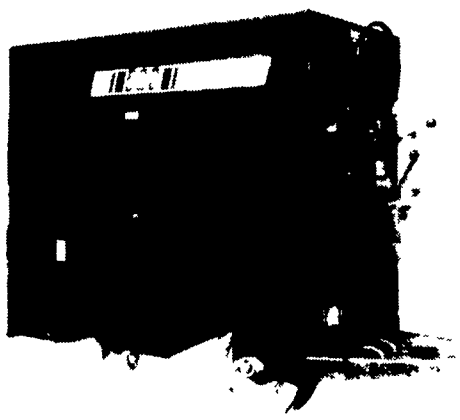

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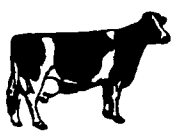

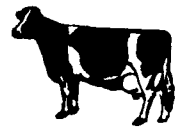

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Homemade Christmas candy makes a distinctive gift

BY SALLY BAIR
Staff Correspondent

LITTLESTOWN — There is still plenty of time to present someone on your Christmas list with a homemade, lovingly prepared gift. This gift will take just a few hours of your time, and will be welcomed by young and old alike. The gift is candy ' — beautiful, delicious homemade candy.

Sarah Musselman is convinced that anyone can make beautiful, professional-looking candy to delight the most discriminating gift receiver.

Sarah, 1825 Whitehall Road, Littlestown, has been making professional looking cakes for nearly 20 years, but it is only recently that she began to make candy.

Operator of Musselman's Kountry Store and Cake Shoppe, Inc., Sarah also gives candy making classes. Sarah recalls that two years ago her husband became concerned with being laid off at his work and suggested that they open a bulk food store. She agreed that would be a good idea, but added, "Let's try candy too." She said the bulk food idea came about because an Amish neighbor from whom she had purchased bulk items had gone out of business.

Sarah's interest in making her own candy grew out of wanting to improve her cake decorating techniques. "I had taught myself cake decorating but there were things I didn't know how to do," she says. She searched until she found someone who taught a class, and while there, she decided to take candy making. Sarah recalls, "My mouth was open when we made chocolate covered cherries — I'd always wondered how you made them."

After that Sarah was hooked. "I kept getting more and more into it. There is so much you can do — it is fascinating."

Customers are now benefitting from Sarah's interest, and her store is a veritable wonderland for anyone interested in making candy. Sarah carries over 250 kinds of candy molds as well as all the accessories which make the difference between amateur and professional looking candy. She has lovely gift boxes, papers, sticks for lollipops, and every kind of ingredient.

The molds cover every imaginable holiday including Christmas, Easter and Valentine's Day and less celebrated holidays like Mother's Day and St. Patrick's Day.

But it's the candy making classes which Sarah really enjoys. "Offering classes gives me an exposure, and it's fun. I enjoy teaching people to do something I do so they can have fun like I do. It really makes people feel good to say, 'I made it.'"

She charges a "refundable dollar" for the classes, and seems apologetic when she explains that she charges $3 for hard candy classes. She gives $2 back and lets them keep the candy they make.

Sarah rarely advertises, saying, "Word of mouth is the best advertisement." When someone expresses an interest in one of her classes, she simply takes that person's number and when she has enough to make up a class she arranges a time convenient to everyone interested. The classes themselves are conducted in the kitchen of her spacious home. They gather around the kitchen table specially built with a Corning top to allow hot peanut brittle to be poured directly on it for working.

She said she enjoys getting her customers involved in something which doesn't take a lot of money. She said she also tries to teach them all of the old tricks she knows along with some new things to keep getting the former customers back.

While it's time consuming to go to candy classes herself, Sarah still feels it is beneficial because she always learns something she can pass on to her customers. "It helps me teach. Everytime I go to a class taught by a different person, I learn something new." All of this is very helpful because customers will often call her for advice, frequentrly when they are in the middle of making candy and something isn't going right.

Sarah draws customers from all over Adams County, and many from nearby Carroll County, Md.

Making candy is the fun part of the business, and Sarah takes orders for her now-famous molded candy. She occasionally sells the finished product from the store, but much prefers selling it by order.

Candy making has become a family affair, with Sarah's mother, Helen Sweitzer of Silver Run, helping nearly every day in the busy season. Helen confides, though, that while she enjoys

(Turn to Page B-4)

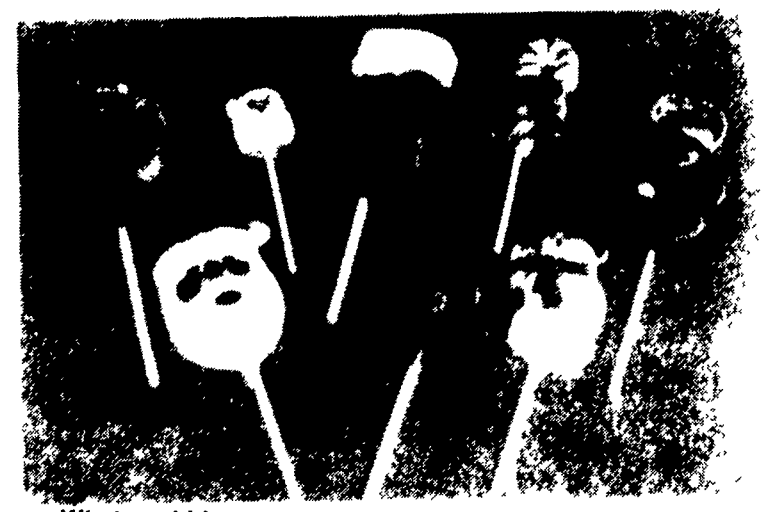
Sarah waits on a customer, weighing bulk ingredients and gathering the wide variety of ingredients which will be used for holiday candy making.

Helen Sweitzer, Silver Run, works on the candy sealing machine, preparing chocolate lollipops which will make interesting Christmas treats.

This chocolate sleigh is just one example of the many interesting creations Sarah Musselman can make from candy.

Sarah carefully chooses candy to fill a pound box of assorted chocolates, an attractive, delicious gift for anyone on your gift list.

Homestead Notes



What could be more welcome than a chocolate Santa on a stick? There are also molds for stockings, reindeer, bells and many other holiday treats.

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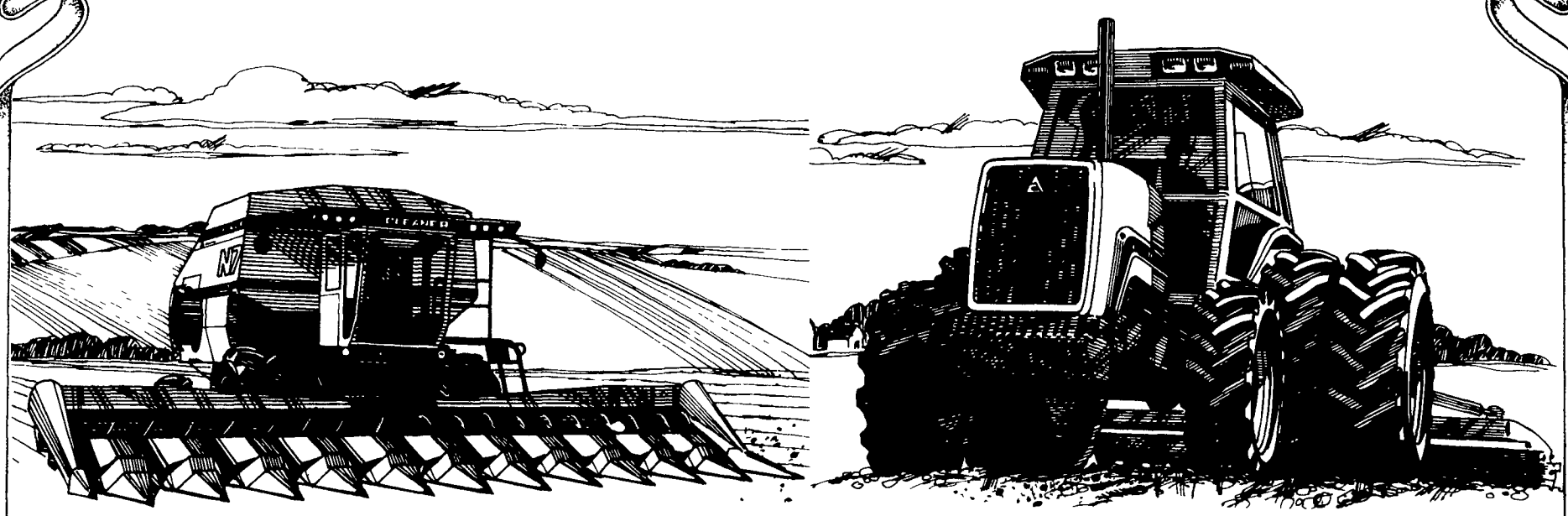

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Homemade Christmas candy

(Continued from Page B-2)

helping with the candy, she doesn't really like to work in the store. That's okay, because Sarah's daughter, Lisa, 16, really enjoys working in the store. Another daughter, Kathy, 7, likes making the candy, and has been known to wrap lollipops before school.

In candy making, the more the merrier is the rule. Sarah says, "I tell the women who take the class that if anybody can help them it will go faster. It will also cut down on the expense because they won't need as many molds."

The molds Sarah uses are good for at least 100 uses, but Sarah says she has used hers for years with no problems. Putting the molds in the dishwasher will make them unusable, however, because it will destroy the special coating which allows the chocolate to pop out easily. Sarah says she encourages people not to put the molds in water at all, but to work with them over the sink.

It is not real chocolate Sarah uses for her candy, but something called "compound coating." This coating comes in all colors, including chocolate, and it has no preservatives. She even features a "dietetic" coating, for which she says there is a "good demand."

To melt the coating material, Sarah tells her customers to use an electric fry pan set at its lowest setting with water enough to keep the container holding the chocolate from floating. She suggests using a plastic container to hold the coating so there is no temptation to heat the water too hot. She says, "If the fry pan is too hot for your hand, it is too hot for the candy."

In addition to the bulk foods and candy making materials that Sarah carries, the store is filled with other goodies, all at great prices. She carries greeting cards, Cabbage Patch doll look alikes, a few sewing supplies, cookbooks, and, in season, extra produce from the garden.

The bulk food business, while good, has not really caught on. Sarah speculates, "People in this area are not too keen on bulk food." Nevertheless, she says those who do come in the store are surprised at the savings, anywhere from one-quarter to one-half off grocery store prices.

Sarah's talents also extend to sewing. She makes beautiful smocked dresses, and almost everything the family wears, including outer coats. She also makes clothing for Cabbage Patch dolls.

She and her mother work together on the beautiful smocking, with Sarah doing the cutting out and marking, and Helen doing the smocking. Sarah says she can now develop her own smocking patterns with the help of graph paper. She takes her accomplishments lightly, saying, "I've done smocking since I was 16." She says she has been sewing since she was two.

From now until Christmas, Sarah will be busy filling orders and helping her customers as they work on their own candy making for the holidays. She says there will be a brief lull, then Easter comes along and she will be busier than every. Sarah does not make candy over the hot summer months, because of the problems with humidity, but then she is busy making wedding cakes. Her cakes are glorious, many-tiered creations.

She points out that the only cake that collapsed for her was the one she baked for her own wedding. The plastic pins holding the layers together broke, and the cake began falling. She managed to avoid disaster by sending her sister for another kind of pin to hold it together.

The Musselman's are now living in the third location on the property they purchased 18 years ago. Sarah explained that when they first purchased the home they built a new foundation and had the house moved further from the road. In 1978 disaster struck when a propane gas explosion ripped through the home, causing the 12-inch thick walls to burn completely in about 10 minutes. Sarah rescued both her 10-month old daughter and a seven-year-old foster son from the house.

While a new home was being constructed, the Musselman family lived with Sarah's mother. The new home was built with a spacious family room in the basement, which has now been turned into the store. Only a small part of the basement was used when the first bulk foods were offered, but that was doubled, and now, just two years later, the store has been expanded to a porch. The porch offers increased display space for the ever-growing variety of molds Sarah carries. She will also use it to display the many different accessories she has for wedding cakes.

There is a complete kitchen in the basement which was installed to accommodate the wedding cake business. In the winter months, the kitchen sets used as a storage, weighing and bagging area for the bulk foods.

While you may still think that candy making is not for you, with a source like Sarah for supplies and sound advice, it really is possible for you to include some homemade candy as a special treat for someone on your list.

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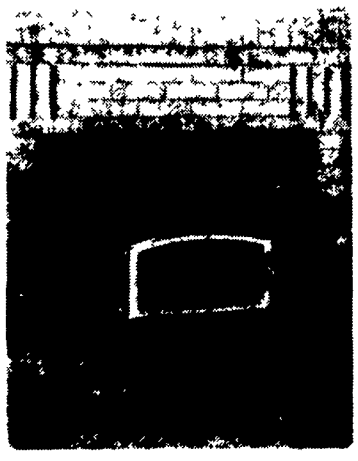

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Ida's Notebook

Ida Risser

Getting up at 4 a.m. is for the birds! In fact, I don't think even the birds get up that early. The reason for this early rising was to hunt deer in Perry County.

This year I intended to stay home and catch up on some things that I enjoy doing. But, since my son decided not to go along with my husband, I felt that I should go because I do not like to think of him in the mountains by himself.

When we arrived, there was just a little snow on the north side of fallen trees and big rocks. The large, brown leaves were dry enough that I could hear the deer as they approached. As I stood against a large oak tree, I saw a deer in the distance but wasn't able to identify it as a buck. A bit later two doe ambled past me so close that I could see how tired they were from running. They never even suspected my presence. Allen had given me his good binoculars, and I was able to study birds and deer that were far away. It was an interesting way to while away the lonely hours.

I've been hunting for years and at the end of a day of climbing hills, stumbling over rocks and falling on rotten logs I am tired. When I'm fifty, I'll give it up I said and then changed it to "when I'm sixty." But, somehow I get talked into it every year.

This year a young man came into our safety zone and shot a wild goose just below our calf barn. He said that we gave him permission to hunt last year! The mate of the dead goose now plaintively calls far into the night for the one that is gone.

We've had better luck trapping then hunting. So far this year we've caught five raccoons in a box trap. In fact, one night we got two at one time. The first one only brought eight dollars but the last three were $24 each. These rascals live in our barn and feed on the silage.

Treat the birds to a tree decorated with food

FLEMINGTON, N.J. – For bird watchers and feeders, holiday preparations could include decorating a tree (or shrub) for the birds.

Strings of cranberries, raisins and chopped apple will attract mockingbirds that don't feed on more usual fair. (Popcorn looks attractive - until the first rain!) Suet cakes can be purchased or can be homemade (in molds if the fancy strikes). (Melting the suet twice before mixing produces a harder cake).

Chickadees, nuthatch, woodpecker and other insect eaters go for this combination. Pine cones, stuffed with suet mix or a peanut butter-suet-seed combo, are perfect little feeding stations and good decorations.

The skins of grapefruit and orange halves make colorful hanging feeders for seed eaters. Some ears of corn can be tied to lower branches for pheasants (squirrels, too, no doubt). Bunches of fruits from wild and landscape plants add color to the tree and variety to the menu. Fruits of viburnum, autumn olive, sumac holly, crabapple, firethorn, virginia creeper, dogwood, and juniper are favorites of many species. Sprigs of fried weeds, containing seeds might be worth experimenting with.

If you don't get around to the project before the holidays, do it afterward. It is a good way to make further use of a Christmas tree.

One important reminder. Feeding the birds should be a season long commitment. Once birds come to depend on handouts, some may find it difficult to get along without them. So, after the novelty of providing a special tree feeder wears off, plan to continue feeding by more ordinary means.

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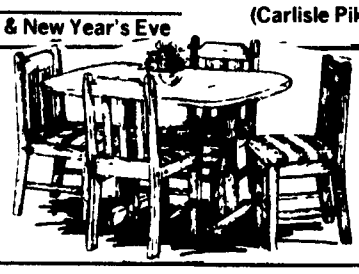

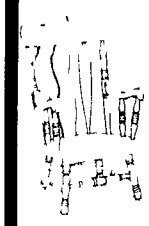

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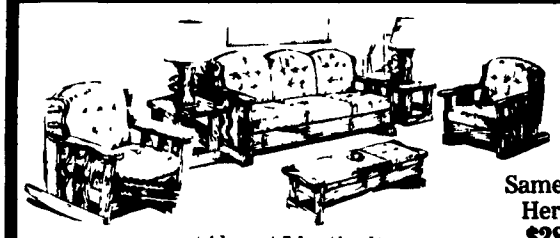

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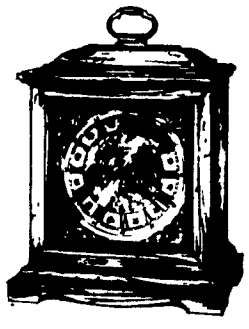

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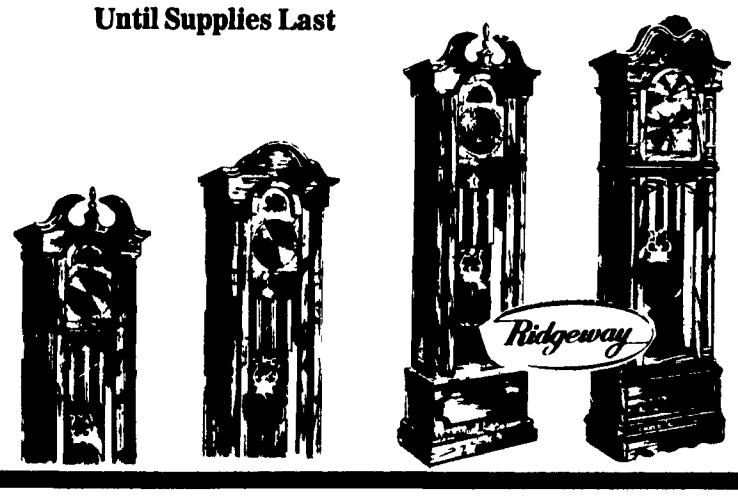

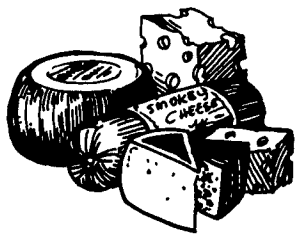

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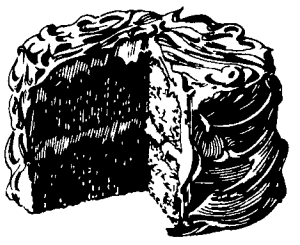


Warm up with fireside treats

On those cold, snowy nights when the wind whistles around the house, a warm, crackling fire invites family and friends to gather around for some good conversation and fellowship. Times such as these call for a hearty supply of warm, tasty snacks.

Share a mug of steaming soup and your favorite cheese spread with your holiday guests as you share a few memories from the past and prepare to meet the new year.

A refreshing glass of eggnog served with a plateful of Christmas cookies and assorted delicacies will add to the fun and fellowship inspired by a cheery fire.

CHOCOLATE CHIP BLOND BROWNIES

⅔ cup butter
2 tablespoons hot water
2 cups brown sugar
2 eggs
2 teaspoons vanilla
2 cups sifted flour
1 teaspoon baking powder
¼ teaspoon baking soda
1 teaspoon salt
½ cup chocolate chips
½ cup chopped nuts, if desired

Melt butter; add hot water and brown sugar. Cool slightly. Add eggs and vanilla. Beat well. Add dry ingredients; mix well and add nuts. Spread in greased 9x13-inch pan. Sprinkle chocolate chips over top. Bake for 25 to 30 minutes in 350°F. oven. Cool slightly, cut into squares. These will be chewy in center.

Mrs. Elam Martin
Shippensburg

OVEN CARMEL CORN

2 cups brown sugar
2 sticks (1 cup) oleo
½ cup white Karo syrup
½ teaspoon vanilla
½ teaspoon baking soda
½ teaspoon salt
2 cups unpopped popcorn grains

Pop the corn, sort out unpopped grains. Combine sugar, oleo, syrup, soda, and salt. Boil 5 minutes. Stir in vanilla. Have popcorn ready in large roaster pan (spray first with PAM) Pour syrup mixture over popcorn and mix well. Bake for 1 hour at 250°F., stirring every 15 minutes. Cool. Serves 15 to 20.

Doris Dilbert
Everett

PARTY BLUE CHEESE BALL

2 8-ounce packages cream cheese
¾ cup crumbled Blue cheese
1 cup shredded sharp Cheddar cheese
1 small onion
1 tablespoon Worchestershire sauce

Mix all ingredients together in large bowl. Roll in one large ball or 3 small ones. Roll lightly in parsley, chopped nuts and paprika. Serve with crackers.

Grace Ikeler
Bloomsburg

CONFETTI POPCORN

2 tablespoons butter
2 cups sugar
1 cup water
1 teaspoon vanilla
Vegetable colors — red and green

Cook butter, sugar and water over low heat until sugar dissolves. Mix until it boils. Stirring to prevent burning, cook until a small amount cracks when dropped into cold water — about 15 minutes. Take off the burner and add vanilla. Add desired vegetable coloring. Pour over popcorn in bowl. Mix until popcorn separates. Cool and enjoy.

Betty Biehl
Mertztown

APPLESAUCE RAISIN COOKIES

¾ cup shortening
1 cup brown sugar
1 egg
½ cup applesauce
2¼ cups flour
½ teaspoon baking soda
Little salt
½ teaspoon cinnamon
¼ teaspoon cloves
1 cup raisins
½ cup chopped nuts

Heat oven to 375°F. Mix shortening, sugar and egg thoroughly. Stir in applesauce. Measure flour little at a time. Blend dry ingredients, and stir in. Mix in raisins and nuts. Drop dough by teaspoonfuls onto greased baking sheet. Bake 10 to 12 minutes or until lightly brown. Makes 4 dozen cookies.

Betty Biehl
Mertztown

HOLIDAY CRANBERRY PUNCH

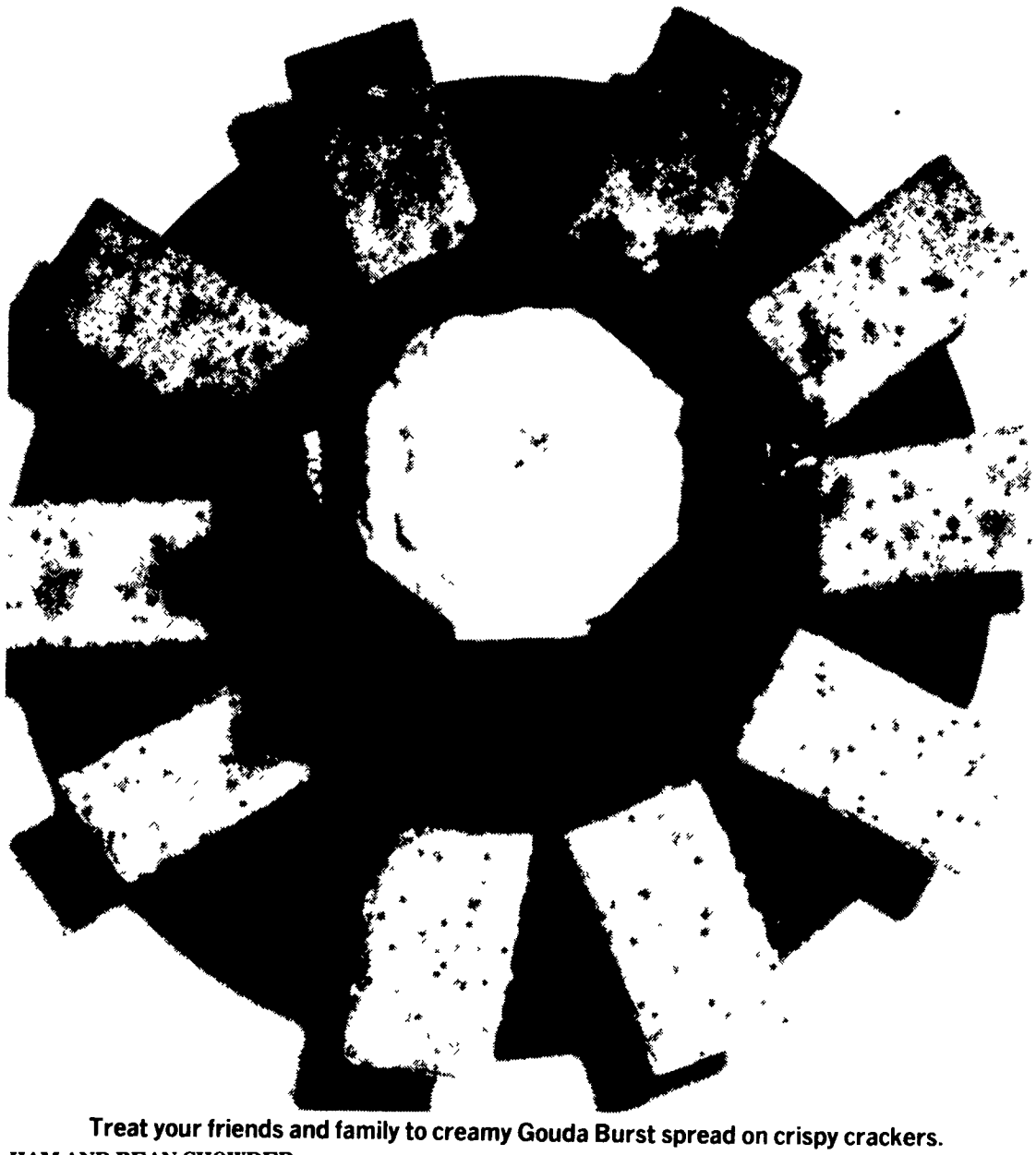
1 32-ounce bottle unsweetened orange-pineapple juice
1 32-ounce bottle cranberry juice cocktail
¼ cup sugar
3 whole cloves
2 cinnamon sticks

Combine ingredients; heat. Remove cloves and cinnamon sticks before serving. Serve warm; top with thin orange slices if desired.

DOUBLE BEAN DIP

1 16-ounce can pork and beans, mashed
1 16-ounce can kidney beans, drained and mashed
⅓ cup barbecue sauce
1 tablespoon chili powder
1 cup (4 ounces) shredded sharp natural Cheddar cheese

Combine beans, barbecue sauce and chili powder; heat thoroughly, stirring occasionally. Add cheese; stir until melted. Sprinkle with additional shredded cheese, if desired. Serve warm with bread sticks and celery sticks.



Treat your friends and family to creamy Gouda Burst spread on crispy crackers.

HAM AND BEAN CHOWDER

2 quarts water
2 cups (1 pound) dried Great Northern or pea beans
3 tablespoons butter
2 cups finely chopped onion
½ cup finely chopped celery
2 teaspoons finely chopped garlic
1 13¾ounce can condensed chicken broth
1 ham shank (about 4 pounds) OR 2 ham hocks (about 1½ pounds each)
1 1-pound can tomatoes, undrained OR 4-6 medium-sized firm ripe tomatoes, peeled and chopped
2 whole cloves
1 bay leaf
Freshly ground black pepper
2½ cups milk
2 cups (8 ounces) shredded Cheddar cheese

Bring water to boil in 6-quart saucepot. Drop beans in and boil briskly for 2 minutes. (Water should cover beans by at least 1 inch; add more if necessary.) Turn off heat. Let beans soak for one hour; drain, keeping liquid. Return beans to pot. Add 4 cups of the cooking liquid. Melt butter in a large skillet. Add onion, celery and garlic; cook for 5 minutes. Scrape entire contents into saucepot. Add chicken broth to saucepot. Peel skin from ham shank, cut off excess fat. Add shank and skin to saucepot along with tomatoes, cloves, bay leaf and pepper. Simmer for 2 hours or until ham is tender. Remove ham shank and skin; cool. Transfer soup to large bowl; remove bay leaf and cloves. Cut off meat; return meat to soup mix. Refrigerate. Skim off fat. Transfer to saucepot. Stir in milk. Bring to simmer. Stir in cheese until melted. Extra soup may be stored in refrigerator and reheated or cooled and poured into freezer containers and frozen. Thaw and reheat over low heat.

NEW ENGLAND CLAM CHOWDER

2 small onions, quartered
3 carrots, peeled and cut into 1-inch pieces
3 medium potatoes, peeled and cut into 1-inch pieces
2 tablespoons butter or margarine
1 cup water
2 6½-ounce cans minced clams, with juice
4 tablespoons butter or margarine, melted
6 tablespoons flour
4 cups milk
1 teaspoon salt
¼ teaspoon pepper

Chop onions, carrots and potatoes. Melt butter in a 4-quart pot over medium heat. Add onions and saute until tender. Add carrots, potatoes, and water. Cook until vegetables are tender, about 15 to 20 minutes.

Stir in clams with juice. Combine butter and flour to make a smooth paste. Slowly add flour mixture to pot, stirring constantly. Add milk, salt, and pepper. Reduce heat and cook until soup thickens, stirring constantly.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

December	
15	Holiday Favorites
22	Beverages
29	Perfect Pies

Featured Recipe

This week's featured recipe comes from Betty Siegrist of Lititz. The Siegrist's 171-year-old farm house was recently featured on a Christmas Candlelight tour that drew close to 1,500 curious visitors.

Betty has been busily preparing for Christmas, making wreaths and other Christmas decorations to help her family and friends get into the holiday spirit. Cookie baking is another important part of the Siegrist's holiday preparations. Betty says her grown children still enjoy coming home for her cookie specialities. The sand tart recipe below is one of their favorites. To learn more about Betty, her home and her holiday decorating ideas, see the story about her in this section.

Sand Tarts

1 cup shortening
1 cup butter or margarine
2 cups granulated sugar
½ teaspoon salt
2 eggs
¼ teaspoon almond flavoring
3 cups all-purpose flour, sifted before measuring

Cream shortening, butter or margarine, sugar and salt until light and fluffy. Add well beaten eggs and mix well. Stir in flavoring and add sifted flour. Blend ingredients thoroughly. Refrigerate dough for ½ a day or longer. Roll in balls the size of a walnut. Flatten with the bottom of a glass. Sprinkle with a mixture of sugar and cinnamon. Decorate with a candy cherry or nuts. Place cookies on a 10x14-inch cookie sheet and bake for 8 to 10 minutes in oven preheated to 400°F.

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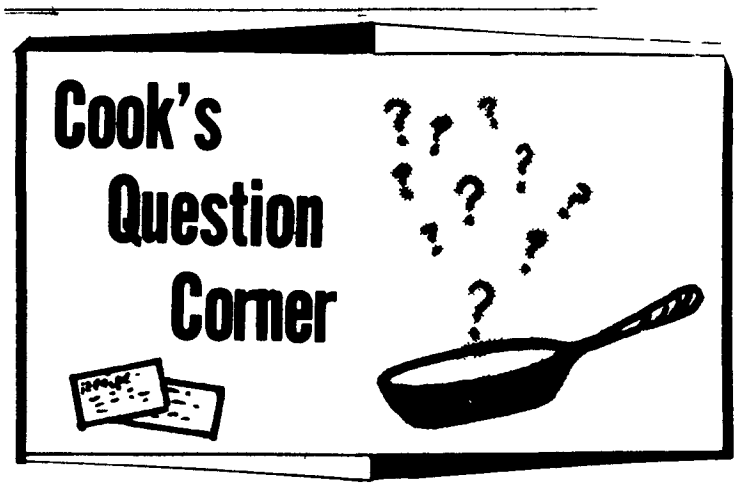

QUESTION - Mrs. Gene Jenning would like a recipe for cheese soup like they serve in Denny's.

QUESTION - Mrs. Helen Werner, Reinholds, would like a milk pie recipe. The ingredients are milk or cream, flour, sugar and butter. It was usually made to use up the pie dough, she says.

QUESTION - Rose Martin, Ephrata, is looking for a pizza crust recipe (NOT crazy dough pizza or bisquick mix.)

QUESTION - Priscilla Beiler, Quarryville, would like a recipe for ham bologna.

QUESTION - Vera Martin, Leola, would like a recipe for canned, dark red kidney beans that are often used in chili.

ANSWER - Mary E. Neal, Homer City, requested a vegetable lasagna recipe. Thanks go to Karen Zrimm, Avella, for sharing her recipe.

Vegetable Lasagna

½ pound lean ground beef
½ cup chopped onion
½ cup chopped green pepper
1 clove garlic, crushed
1 8-ounce can tomatoes
1 8-ounce can tomato sauce
¼ cup chopped fresh parsley
2 tablespoons dried parsley flakes
1 teaspoon crushed oregano
1 teaspoon crushed basil
½ teaspoon salt
1½ cups ricotta cheese
1 large zucchini or 3 medium, cut lengthwise into 9 slices, or about ¼ inch thick, partially cooked
1 cup shredded mozzarella cheese

Cook ground beef, onion, green pepper and garlic in large saucepan until meat is brown; drain off fat. Add tomatoes, tomato sauce, ½ the parsley, oregano, basil and salt. Heat to boiling, stirring occasionally. Reduce heat, simmer uncovered for 1 hour. Mix ricotta, egg and remaining parsley together. In ungreased 8-inch square baking dish, spread thin layer of meat sauce. Layer ⅓ each of zucchini, sauce, mozzarella cheese and ricotta cheese mixture. Repeat twice. Bake uncovered at 350°F. for 45 minutes. Let stand 15 minutes. Serves 4.

Fireside treats

(Continued from Page B6)

GRANOLA SNACK MIX

2 cups old fashioned or quick oats, uncooked
⅓ cup margarine
¼ cup honey
2 teaspoons vanilla
2 cups bite-size crispy wheat squares
2 cups bite-size crispy rice squares
1 cup raisins

Bake oats on ungreased 15x10x1-inch jelly roll pan at 350°F., 10 minutes, stirring occasionally. Combine margarine, honey and vanilla. Pour over combined oats and cereal; mix lightly. Return mixture to jelly roll pan. Bake at 350°F. for 20 minutes, stirring occasionally. Add raisins. Cool; break into small pieces. Store in refrigerator in airtight container or plastic bag. Makes 7 cups.

FROTHY EGGNOG

8 eggs
¾ cup sugar
½ teaspoon salt
1 to 2 tablespoons rum extract or bandy extract
1 teaspoon vanilla
2 quarts milk
1 cup whipping cream
Nutmeg

In a large mixing bowl, beat eggs at high speed of mixer until thick and foamy. Gradually add sugar and salt, then rum and vanilla extracts. At low speed gradually add milk. Cover and chill. Just before serving, whip cream; fold into eggnog. Pour into punch bowl. Serve garnished with nutmeg.

WARMING WINTER PUNCH

1 orange, unpeeled
1 lemon, unpeeled
½ cup granulated sugar
½ cup firmly packed brown sugar
2 cups water
4 sticks cinnamon
¼ teaspoon whole cloves
4 cups fresh squeezed orange juice
2 cups pineapple juice
½ cup fresh squeezed lemon juice

Slice unpeeled fruit into cartwheels, discarding end cuts. Slice cartwheels in half and place in heat-proof pitcher or punch bowl. In large saucepan, combine sugars, water and spices; simmer, uncovered, for 10 minutes. Add orange, pineapple, and lemon juices; warm over low heat, but do not boil. Pour over sliced fruit; serve piping hot in mugs and garnish with one each of the orange and lemon half-cartwheels. Makes about 2 quarts.

GOUDA BURST

1 Gouda cheese (about 8 ounces)
1 tablespoon milk
1 tablespoon apple juice or dry white wine
1 teaspoon prepared mustard
2 drops red pepper sauce

Unwrap cheese; let stand at room temperature until softened. To form petals, make four 2½-inch intersecting cuts in top of cheese ball. Be sure to cut completely through plastic casing. Carefully pull back each section of casing, curling point around finger. Scoop out cheese, leaving a ¼-inch wall. Refrigerate shell.

Mash cheese with fork; blend in milk, apple juice, mustard and red pepper sauce. Fill shell with cheese mixture. Cover; refrigerate at least 3 hours. One hour before serving, remove cheese in shell from refrigerator to soften. Makes abolut 1 cup dip.

CHEERIOS MOLASSES PATTIES

4 cups cheerios
1½ cups salted peanuts
1½ cups brown sugar, packed
¾ cup light molasses
½ cup water
1 tablespoon plus 1 teaspoon vinegar
1/8 teaspoon cream of tartar
1½ teaspoon baking soda

Measure cheerios and peanuts into large greased bowl. Mix sugar, molasses, water, vinegar and cream of tartar in saucepan. Cook over low heat, stirring occasionally to hard ball stage (200°F.) (A hard ball forms when a small amount of syrup is dropped into cold water). Remove from heat. Blend in soda; mixture becomes fluffy and porous. Pour syrup over cheerios, peanut mixture. Mix well with greased spoon. Allow to cool slightly to thicken. With greased hand, form mixture into patties. Cool on a greased baking sheet or waxed paper.

Betty Biehl
Mertztown

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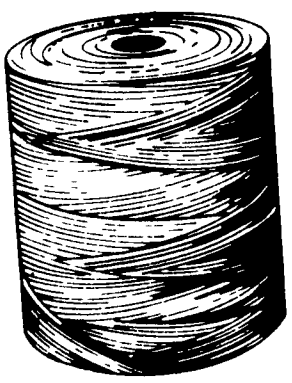

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Maryland 4-H'ers give demonstrations at Taneytown

TANEYTOWN, Md. — Local 4-Hers gathered together at Southern States Taneytown on Nov. 27 to give demonstrations on safety, crafts, cooking and other interesting projects. About 54 people attended this Christmas festivity and safety demonstration activity.

Darlene Brown from Kingsdale 4-H Club, the only 4-H'er from Adams County, told the group about dairy goats.

All of the other 4-Hers were from Carroll County, Md.

Jeffery Means from Pleasant Valley 4-H club gave his demonstration on Christmas safety tips.

Susan Bowersox from Pleasant Valley 4-H club showed how to make a Christmas calico tree.

Jenell Rinehart of Silver Run/Union Mills 4-H Club, gave two demonstrations. One was on safety, titled "Don't Trust Mr. Uck Alone" and the other one was called "The Amazing Milk Making Machine."

Kathy and Karen Weant, both of Taneytown 4-H Club, demonstrated how to make delicious soft pretzels.

Gwen Martin and Jill Shandrowski, both of Taneytown 4-H Club, demonstrated how to make beautiful bread dough ornaments. Lori Hesson from Progressive Clovers 4-H Club, showed us how to make beautiful needlepoint Christmas ornaments.

Beth Leidy of Rolling Clovers 4-H Club, demonstrated how to make delicious peanut butter fudge in a quick and easy way.

Debbie Starner of Progressive Clovers 4-H Club, gave a demonstration on "Caring for a Cow - Feeding and Fitness." Cindy Starner from Progressive Clovers 4-H Club, showed how to plant pepper plants.

Melvin Arrington of Progressive Clovers 4-H club, gave a demonstration on farm safety, which included the film, "Gotta Go Joe."

Robin Musgrove from Progressive Clovers 4-H Club, gave a beef demonstration on fitting of a steer. Cindy Bollinger of Rolling Clovers 4-H Club, told about her pet hamsters.

Each of the above 4-H'ers received a certificate of appreciation for participation in the Christmas festivity and visual presentation activity.

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Rare zebra is horse of different stripe

WASHINGTON — They're black and white, have large, rounded ears, can weigh up to 800 pounds, and are sometimes hard to find, even in daylight.

They're a fast-disappearing species known as Grevy's zebra, and they live in pockets of Kenya and Ethiopia. Unlike comon zebras, which gather in great herds on the east African plains, Grevy's zebras spread out over their arid habitat. And when a small group does form in the shade of a tree, it blends in like a soldier wearing camouflage.

"The Grevy's zebra has very fine stripes," says Joshua Ginsberg, 25, of Princeton University, who is studying the animals. "It's like looking through a window screen, especially in heat haze. The stripes really move."

Reading Between Lines

After 1,200 hours of peering at the animals through binoculars and tracking them through two of Kenya's game reserves, Ginsberg knows a Grevy's zebra at a glance. He's accustomed to what he calls their Mickey Mouse ears, and he's beginning to appreciate the complex social organization of this little-studied species.

Half again as big as the common, or plains, zebra, the Grevy's variety also has a much more intricate stripe pattern, which makes it irresistible to poachers with visions of zebra-skin coats and purses.

But the stripes also serve as a ready-made identification system for the scientist. Like the uniqueness of a human thumbprint, each individual zebra has its own stripe pattern, most easily distinguished on the Grevy's rump. So Ginsberg observes many of his subjects from behind.

Using these dashes, crosses, V's, and Y's, he has identified 520 individuals. He had to turn to a baby book to find enough names. He also borrows from friends; Nancy and Alison, a mare and her foal, were named for his supervisor's wife and daughter.

One of the world's three zebra species, Grevy's zebra (Equus grevyi) got its name from Jules Grevy, a president of France who received one of the animals in 1882 as a gift from Ethiopia. Once widely distributed over northern Kenya, Ethiopia,a nd Somalia, the zebra has been hunted to extinction in Somalia and is losing ground elsewhere. Only 8,000 to 10,000 are thought to exist, and habitat destruction threatens them. The zebra was placed on the U.S. endangered species list four years ago.

The scientist's months in the field have provided glimpses of zebra behavior not apparent to the tourists who zip through in vans. Besides grazing and sleeping (which they do standing up, knees locked and eyes often open), the animals hit the ground to "dust bathe." They gather at the baths once or twice a day, flopping down and rolling, to cool off and rid themselves of parasites.

Birth in Progress

One encounter made the sacrifices of living out of a Land Rover worthwhile for Ginsberg. He and his assistant had been following a zebra group around the jagged remains of a lava flow when they spotted a lone female Grevy's zebra. It was Christine, a mare known to be pregnant.

When the zebra saw the humans, she went on the defensive. Her ears shot forward, a sign of alarm, and she started fiercely ahead, stomped her foot, and snorted, a departure from the usual hee-haw.

Ginsberg, climbing atop the vehicle for a better view, then saw the reason for the fuss: A tiny, minutes-old zebra lay in the dusty grass. Deciding the people were no threat, Christine began to lick her foal.

Within an hour, the foal had put its shaky legs to the test, finally with success. Then, two hours into the foal's life, the mother suddenly took off, possibly in search of water, contradicting data showing that zebra mares never leave their newborn. The foal spent the rest of the day sleeping alone, the high grass shielding it from predators' view. The next day Christine and her foal were sighted in the "kindergarten," a group of off-

(Turn to Page B12)

Outsized ears on alert, eyes staring nervously ahead, a Grevy's zebra guards her newborn on a game reserve in Kenya. A few hours after this foal was born, it began to walk. The mare, known as Christine by the scientist studying the species, abandoned her foal a few hours later, but the next day the two were spied together among a group of zebras.

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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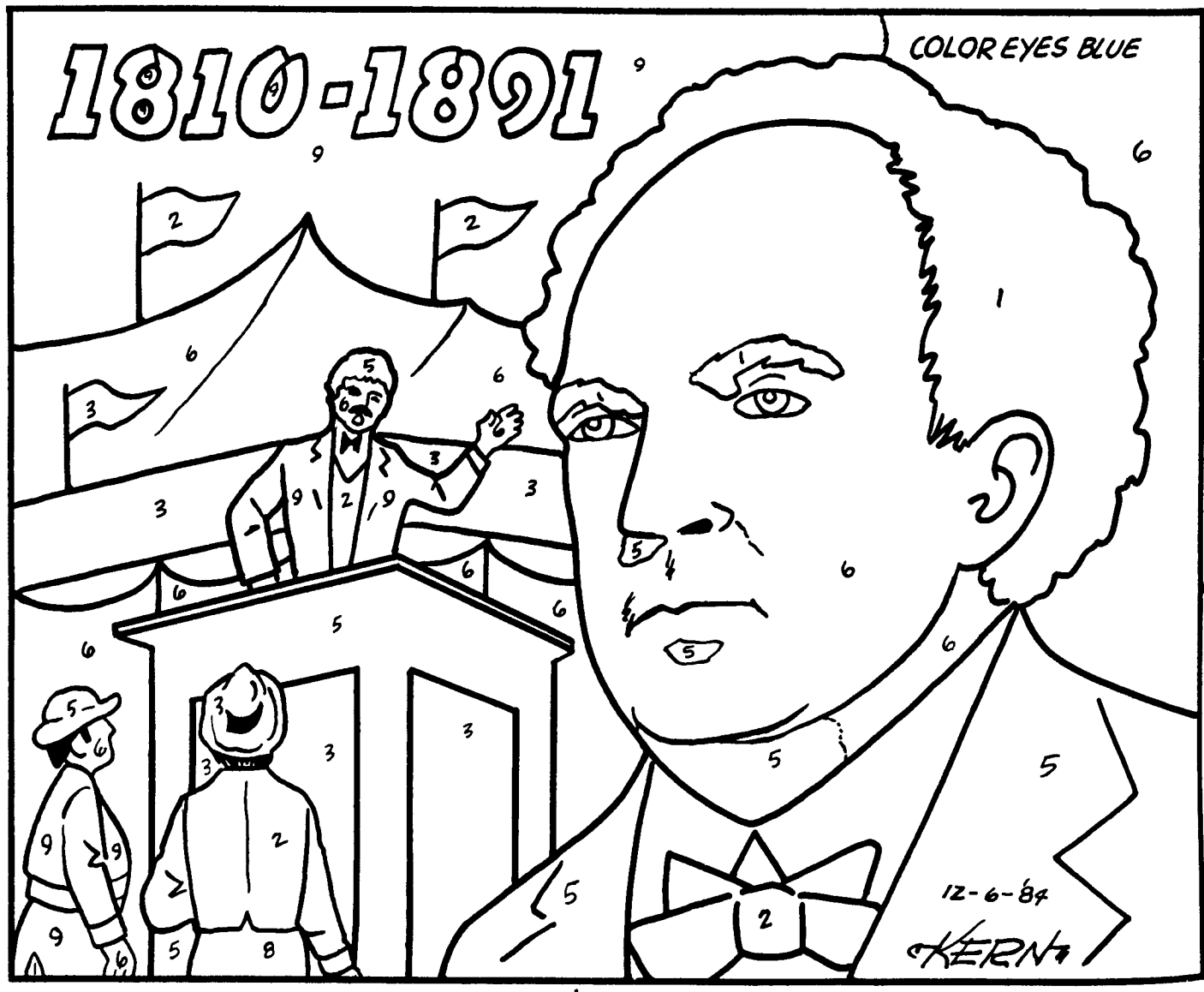

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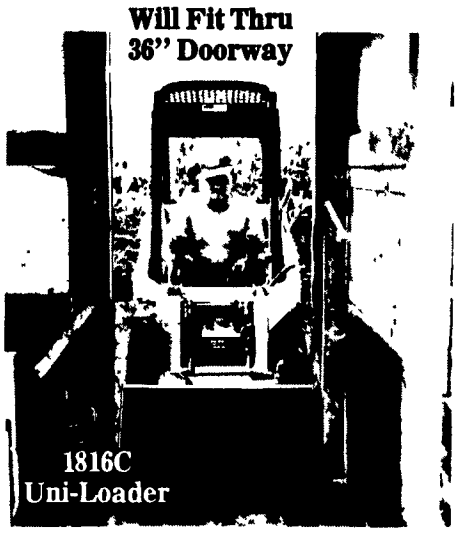

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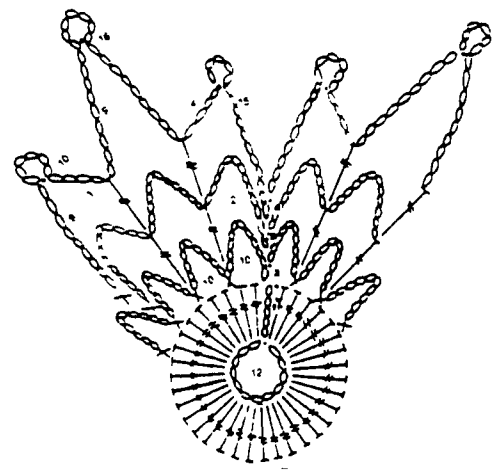
Stitches Used: Chain Stitch (ch), Slip Stitch (ss), Single Crochet (sc), Treble Crochet (tr).

Directions: Chain 12 and close into ring with 1 ss in first ch. **Row 1:** 36 tr in ring. **Row 2:** ss in first space * 10 ch skip 1 space, 1 sc in next space * repeat from * to * 17 times (18 loops). **Row 3:** 12 ch, 1 tr in next sc, 12 ch, 1 tr in next sc, 12 ch in next sc * repeat from *. **Row 4:** 15 ch, 1 ss in 6th ch from hook, 4 ch, 1 tr in next tr, 16 ch, 1 ss in 7th ch from hook, 9 tr. One tr in next tr, 10 ch, 1 ss in 6th ch from hook, 9 ch, 1 sc in next sc (for stem that is to be folded over until the end touches the centerpin to make arch, 20 ch, 1 ss in 6th ch from hook and sown stem and base), *, repeat from * to *. Break off yarn and fasten. Stiffen with sugar water or use any one of the wonderful products on the market such as Mod Podge Gloss.

Vol. I of CROCHET FANTASY'S Christmas special feature eight unique Christmas tree ornaments, cuddly toys, holiday decorations and fabulous gifts for everyone on your list. Vol. II features more stuffed animals, Victorian stockings, nightgowns, bed linens and beautiful table decorations. Copies are available by sending $3.50 for each volume to All American Crafts, P.O. Box 173, Mount Morris, IL 61054.



Rare zebra

(Continued from Page B10)

spring under the care of a mare or stallion.

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The other major study of Grevy's zebras showed them to form only temporary groups, the only permanent bond being between a mare and a foal. But Ginsberg has observed groups of mares and foals that stay together as long as four months within a male's territory. This variation may be a response to this group's own peculiar habitat. "Horses change their social organization in different habitats; why not zebras?" Ginsberg asks.

"Why do they form these groups?" he wonders. "Do the foals then associate as yearlings? Do they return to the same area when it's time for them to breed?"

Ginsberg will be pursuing the answers, from close behind, in this year's field season.

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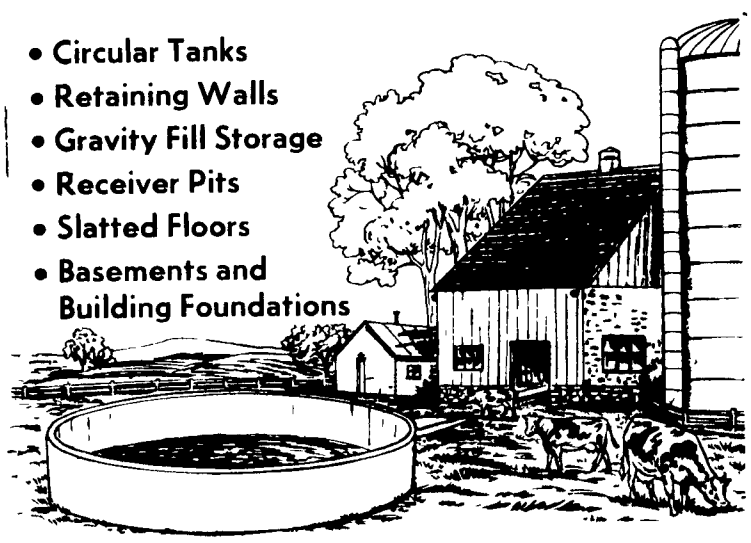

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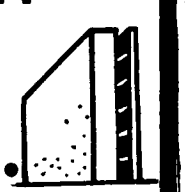

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Md. Extension director named "Woman Manager of the Year"

COLLEGE PARK, Md. — Stephanie Brown, director of the University of Maryland cooperative extension service in Baltimore City, has been selected "Woman Manager of the Year" by the Annual Conference of Women in State Service. Chosen from 17 contestants by a panel of four Baltimore professionals, Brown received her award at the 1984 Women In State Service Conference at the Baltimore Convention Center.

As city director, Brown is responsible for a regular staff of 28 and more than 200 volunteers. Information from extension's four units–nutrition, home economics, urban gardening and 4-H–is taught free to the public by the staff and volunteers. Under her leadership, support and participation has increased for extension throughout the city.

Stephanie Brown

In 1983 more than 5,500 city residents received nutrition education. The average learner reported a savings of $175 a year on their food bill and 46 percent reported imporved diets. Nutrition education also taught 1,998 children the importance of eating nutritional foods. More than 2,000 gardeners received direct education from extension staff and volunteers, and 1,400 maintained community gardens.

By establishing an Extension Advisory Council composed of city government officials, community activists and professionals, Brown has increased support for resource development, public information and program planning.

Brown is a graduate of the Maryland Institute College of Art and Loyola College. Prior to extension work, she was an educational specialist for exceptional children in the Baltimore City Public School System.

Brown is active in civic affairs and is a member of the Baltimore City Commission for Women and the Family Resources Coalition. In September she was honored as one of Baltimore's "Unsung Heroes" by the "City Paper" for making the extension service a viable Baltimore organization. Other previous honors and awards include the National "Search for Professional Excellence Award" sponsored by National Association of County Agriculture Agents, and the 1980 "Community Thank You" commendation from the 38th Legislative District.

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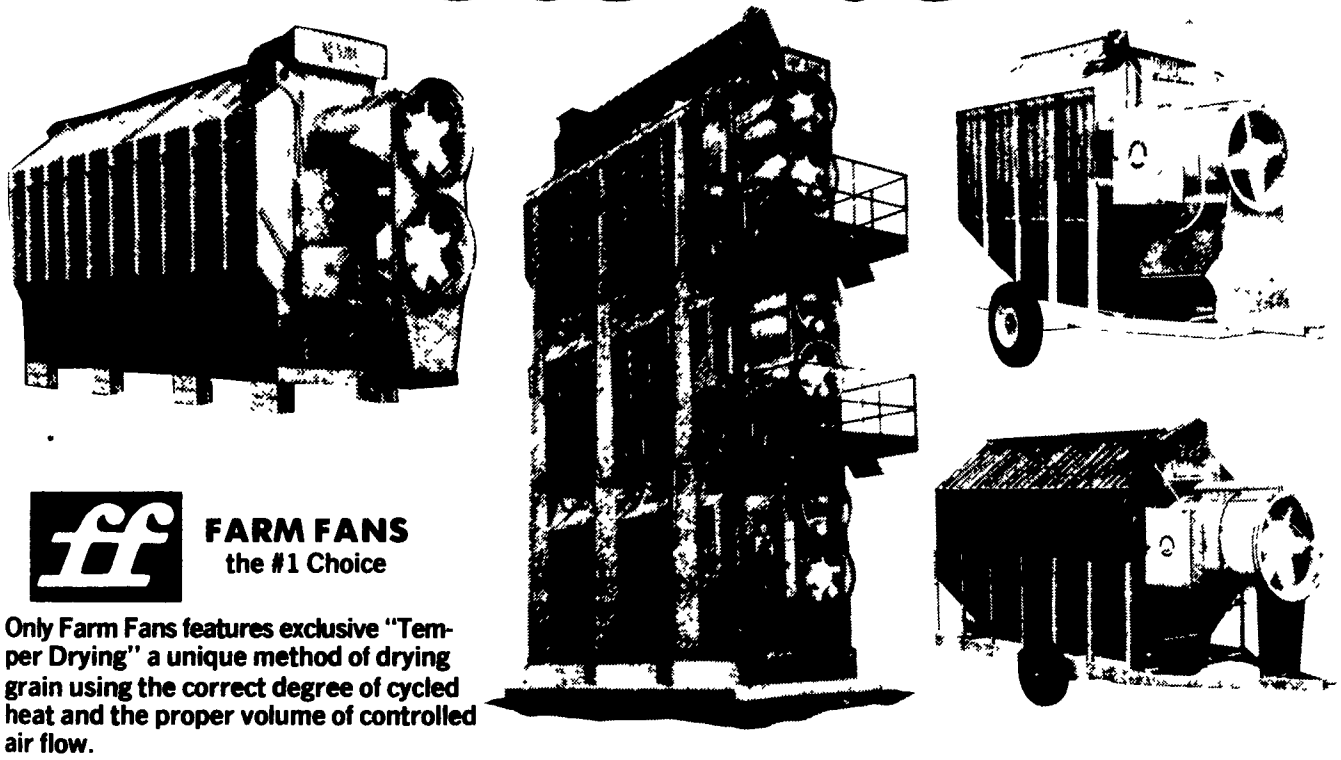

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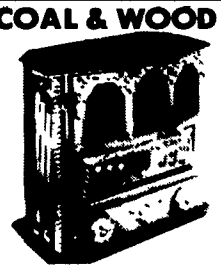

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Here's a holiday meal that adds mirth, not girth

COLLEGE PARK, Md. – When Americans finish their holiday meals, they're typically as stuffed as the turkeys they've eaten.

That's because the traditional Christmas dinner – starting with eggnog and ending with pie – adds up to more than 2,000 calories, according to Dorothy VanZandt, a nutritionist with the University of Maryland Cooperative Extension Service.

Fortunately, however, it is possible to plan a holiday meal that adds mirth, not girth. To serve the same foods in a new, lighter way, VanZandt suggests that you:

– Reduce the sugar in pies, puddings, and fruit crisps by 25 to 30 percent. You'll be surprised how easily you can cut calories without sacrificing taste.

– Increase the vanilla in recipes. You'll achieve the effect of sweetness, but you won't add calories. Cinnamon works equally well.

– Prepare gelatin salads with plain gelatin and unsweetened fruit juices.

– Trim away the skin on your turkey before you eat it.

– Try some substitutions. Anytime a recipe calls for milk (160 calories per cup), use skim milk (90 calories per cup). Exchange one cup of heavy cream (844 calories) for one cup of evaporated skim milk (176 calories). Replace one cup of sour cream (454 calories) with one cup of low-fat yogurt (122 calories). And try substituting two egg whites (34 calories) for one whole egg (81 calories).

– Keep thickening agents such as flour to a minimum by using heat to reduce gravies and stocks. In addition, try substituting cornstarch for flour–you only need half as much.

– Prepare vegetables without added fat or cream sauces. Use lemon juice, garlic, or herbs to season.

In addition to the above tips, you may also want to include the following low-calorie recipes in this year's holiday feast:

CRANBERRY TEA

6 servings, about 1 cup each
Calories per serving: About 70.

4 cups water
12 cloves, whole
2 cinnamon sticks
2 tablespoons sugar
4 tea bags
2 cups cranberry juice

1. Place water, cloves, cinnamon sticks, and sugar in a saucepan. Cover and bring to boil.
2. Remove cinnamon sticks. Remove pan from heat.
3. Dip tea bags in the solution, cover, and brew for 3 minutes–or longer if a stronger tea is desired. Remove tea bags.
4. Add cranberry juice. Return to a boil.
5. Serve hot in mugs.

SWEET POTATOES WITH PINEAPPLES

4 servings, about ½ cup each
Calories per serving: About 135.

½ tablespoon margarine
2 cups sweet potatoes, fresh-cooked, sliced
8-ounce crushed pineapple in natural juice
½ teaspoon ground cinnamon
1/8 teaspoon salt.

1. Heat margarine in large frying pan. Add potato slices and pineapple. Sprinkle with cinnamon and salt.
2. Simmer, uncovered, until most of the juice has evaporated, about 10 to 15 minutes. Turn potato slices several times.

HERBED BROCCOLI

4 servings, about ½ cup each
Calories per serving: About 20

¾ pound fresh broccoli spears
2 teaspoons onion, finely chopped
½ teaspoon marjoran leaves
½ teaspoon basil leaves
¾ cup boiling water
4 lemon wedges

1. Wash and trim broccoli; split thick stems.
2. Add broccoli, onion, and herbs to boiling water.
3. Cover and boil gently until broccoli is tender, about 10 minutes. Drain.
4. Serve with lemon wedge garnish.

Note: A 10-ounce package of frozen broccoli spears may be used in place of fresh broccoli; cook frozen broccoli about 6 minutes. Makes 4 servings, ⅓ cup each.

VEGETABLE STUFFING FOR TURKEY

20 servings, about ½ cup each
Calories per serving: About 50.

1 lb. carrots, pared and chopped
1 lb. mushrooms, sliced
1 lb. zucchini, diced
2 large onions, diced
2 cups celery, chopped
2 cups water
2 cubes chicken bouillon
6 cups day-old or toasted white- or whole-wheat bread cubes
2 teaspoons poultry seasoning
Salt and pepper to taste

1. In 8-quart saucepan, combine carrots, mushrooms, zucchini, onion, celery, water and bouillon cubes. Over high heat, bring to boiling; simmer over low heat, covered, 15 minutes, or until vegetables are tender. Drain. Remove from heat. (Use liquid to make gravy, if desired.)
2. Stir in bread cubes and seasonings. Mix well. Stuff into neck and body cavities of turkey just before roasting.

APPLE MUFFINS

12 muffins
Calories per serving: About 120.

2 cups whole wheat flour
1 tablespoon baking powder
½ teaspoon salt
1 teaspoon ground cinnamon
¾ cup skim milk
2 egg whites, slightly beaten
¼ cup cooking oil
¼ cup honey
1 cup tart apples, finely chopped

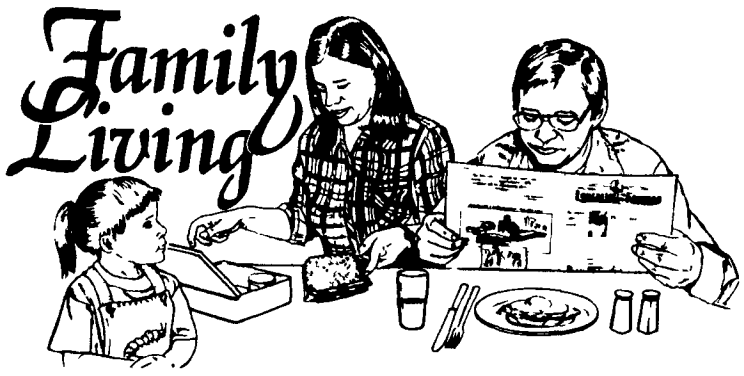
1. Preheat oven to 375 degrees F (moderate).
2. Grease muffin tins lightly with oil.
3. Mix dry ingredients thoroughly.
4. Mix remaining ingredients. Add to dry ingredients. Stir until dry ingredients are barely moistened. Batter will be lumpy.
5. Fill muffin tins two-thirds full.
6. Bake until lightly browned, about 20 minutes.

HOT FRUIT COMPOTE

6 servings, about ½ cup each
Calories per serving: About 135.

16-ounce can purple plums, drained
16-ounce can peach halves, drained
11-ounce can mandarin oranges
½ cup mandarin orange liquid
2 tablespoons brown sugar, packed
½ teaspoon lemon rind, grated
1 tablespoon butter or margarine, melted

1. Preheat over to 425 degrees F. (hot).
2. Place plums and peach halves in alternate layers in 1-quart baking dish.
3. Drain mandarin oranges; save liquid. Arrange oranges over fruits in baking dish.
4. Mix orange liquid, brown sugar, lemon rind, and fat. Pour over fruits.
5. Bake 30 minutes or until fruit is heated through.



BACK HOME

By Michelle S. Rodgers

Lancaster Extension Home Economist

Trim your holiday eating habits

COLLEGE PARK, Md. — Eat, drink, and be wary this holiday season.

From Thanksgiving until the Monday after New Year's, the average adult male grains six pounds, and the typical female four, according to University of Arizona researchers.

Moreover, only a slim minority of holiday bingers manage to shed those extra pounds.

"Good food and good times are an integral part of the holidays," says Dorothy VanZandt, a nutritionist with the University of Maryland cooperative extension service. "But too many of us use the extra festivity as an excuse to really go overboard."

To avoid becoming another casualty of caloric holiday cheer, VanZandt and other nutritionists suggest that you:

—East a light snack before dinner parties, or a sensible meal before cocktail parties. You'll be less tempted to overindulge.

—Establish a cut-off time for eating. Keeping this promise will help you avoid around-the-clock snacking.

—Watch out for the calories in alcohol. One cocktail, for example, can run as high as 200 calories. If you must drink alcohol, limit your intake and opt for dry white wine diluted with club soda.

—Don't be a martyr. It's impossible to constantly say no to holiday treats. When you do give in, you're apt to completely lose control. So rely on discretion, not total denial.

—Go easy on seasonal snacks. Even a little amount of traditional holiday foods usually adds up to a large amount of calories. Just licking the frosting bowl clean adds approximately 260 calories. A handful of peanuts equals 210 calories. And three candy canes are 150 calories.

—If you're dining out, select broiled or grilled meats and unadorned vegetables. Also, order smaller portions when possible (a luncheon steak, for example, instead of a dinner steak) and limit your consumption of bread, butter, and salad dressings.

—Plan "participatory" parties when entertaining. Scheduling special activities such as caroling, group games, or dancing will give both you and your guests something to do instead of eating.

—Increase your activity. One way to eat more without gaining is to excercise. So use the stairs at work, instead of the elevator. Get off your bus one stop early. And end your day with a work out.

—At buffets, help yourself to small portions of lower calorie foods. Also, avoid dessert the first time through the line. Sweets are easier to resist on a full stomach.

"COOKIE TRADITIONS"

By the time you read this column, three generations of "Skiles" will be busily baking Christmas cookies. This is a tradition in our family–not only the baking of cookies, but certain kinds of cookies. This is an all-day event that is planned for weeks in advance and penned into the calendar. Our family version of Christmas cookies includes holiday yeast cookies, pineapple cookies, missionary date balls, peanut blossoms, chocolate spritz camels, cut cookies and the list goes on. We make at least ten different types of cookies.

This is the time of year that we bring out many of our family traditions. We look forward to them and rightfully so! Many of the things that we do have been passed along in the family for years, like the type of cookies we make, or the kind of Christmas tree we choose. Each family has its own unique set of traditions. And traditions vary from place to place. Last year, my neighbor brought me a bayberry candle to burn continuously from top to bottom on Christmas Eve. This tradition was new to me, but the folklore behind it is good luck in the year ahead.

Regardless of what your traditions are, the important thing to realize is that they are a vital strength of our families. Traditions are like string that ties our families to our past and links us together for the future. They put meaning into what the family is doing and make it special and unique. Penn State family specialist Dr. James Van Horn says that research of strong families indicates that traditions reinforce family closeness and provide emotional security. Traditions also help to maintain family values. Often what we do speaks much louder than what we say!

However, traditions do need to be flexible. In the past, the Christmas cookie baking day featured Grandma. She was in charge of rolling out our sand tart cookies to just the right thickness and cutting out just the right amount of each design. We'll miss not having Grandma this year to roll out the cookies, but the tradition will go on. My mother was always Grandma's apprentice of how it should be done, and this year she can roll the cookies and the next generation will fill the apprenticeship. Thus, the tradition has been molded and shaped to fit the present. And, Grandpap has agreed to continue being chief taster, nut cracker, and babysitter.

Because traditions are so vital to the family, they need not happen only during the holidays. Trips to Farm Show, making doughnuts on the first snow day, and Fourth of July picnics are other "special events" in the long list of our family rituals. What non-holiday traditions does your family share?

As you prepare for the holidays, be sure to take time to carry out your family traditions or to build some new ones. In my mind, there's nothing more special than dragging out a yellowing recipe card for Christmas cookies, and searching for the cookie cutters used one a year for this important family tradition.

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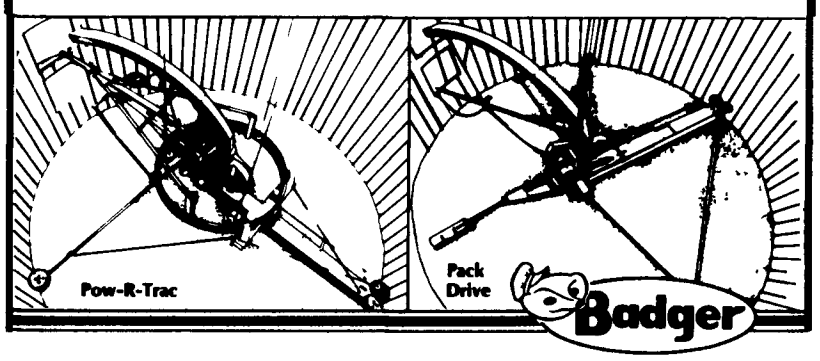

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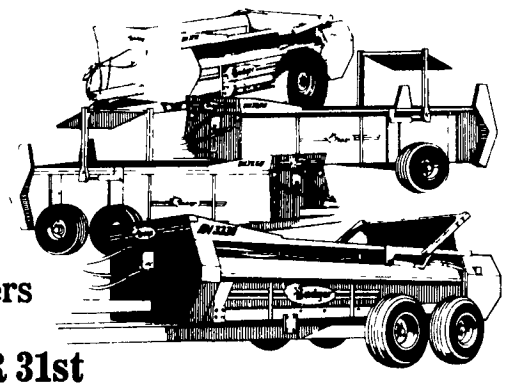

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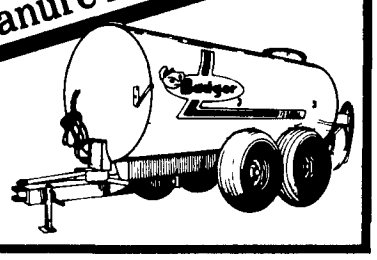

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Champion trio for 1984 in Lehigh County 4-H Beef Club include, from the left, Todd Bennecoff, Gavin Grim and Debra Krause.

Lehigh County honors its top 4-H livestock club members

GERMANSVILLE — Parents, friends and agribusiness supporters of the 4-H livestock program in Lehigh County gathered last Saturday night at the Germansville Fire Hall to honor outstanding club members at the Ninth Annual Awards Banquet.

The evening opened with the presidents of the three livestock clubs directing an initial portion of the program.

Seth Gruber, Beef Club president, welcomed the more than 150 persons to the banquet.

Todd Bennecoff, Swine Club president, led both the Pledge to the Flag and the 4-H Pledge.

Joshua Grim, Sheep Club president, gave the Invocation.

The awards portion of the program was emceed by Dave Dunbar, county extension agent. Awards were presented by agribusiness donors and club leaders.

Swine Club awards in Lehigh County include Reserve Grand Champion market hog honors to Michael Dietrich, left; and Most Helpful Member award to Brian Snyder.

Officers of the 4-H Livestock Council include Joshua M. Grim, president; Harlan Wessner, vice president; Donald Breininger, secretary; and Wayne Bruch, treasurer.

Shepherd honors in 1984 Lehigh County 4-H Sheep Club go to Ruth Grim.

Banquet committee included Wayne Bruch, Mr. and Mrs. Paul Krause, Mr. and Mrs. Lewis Trexler and Marion Wilson.

Entertainment of Country Rock music and square dancing was provided by "Country Sunshine."

Awards included:

Sheep Club

Joshua Grim – senior showman, reserve senior fitter; Ruth Grim – reserve senior showman, senior fitter, shepherd; Scott Lazarus – intermediate showman, reserve intermediate fitter, most helpful; Mark Lazarus – reserve intermediate showman, intermediate fitter.

Stephen Breininger – junior showman, junior fitter; Brian Lazarus -- reserve junior showman, junior fitter; Sheri Lazarus – reserve junior fitter; Julian Breininger – First year showman, First year fitter; Steven Wessner – First year reserve showman; Benjamin Lazarus -- First year reserve fitter.

Swine Club

Scott Lazarus – grand champion market hog, intermediate showman; Michael Dietrich, reserve grand champion market hog, junior fitter; Seth Gruber – light weight champion, reserve senior showman, senior fitter;

(Turn to Page B18)

4-H livestock club presidents in Lehigh County include, from the left, Joshua Grim, Sheep Club; Todd Bennecoff, Swine Club; and Seth Gruber, Beef Club.

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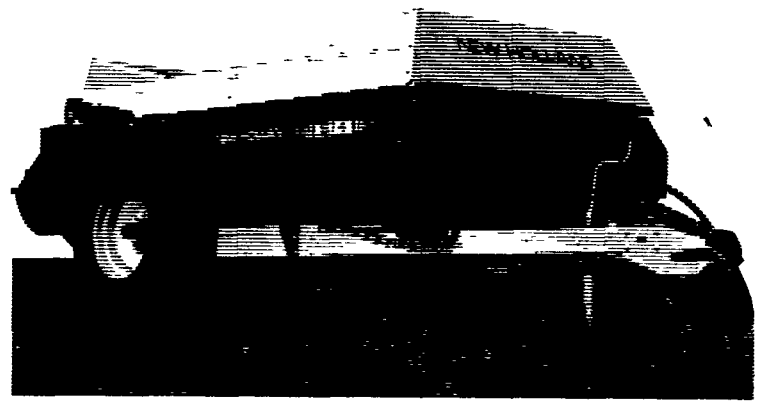

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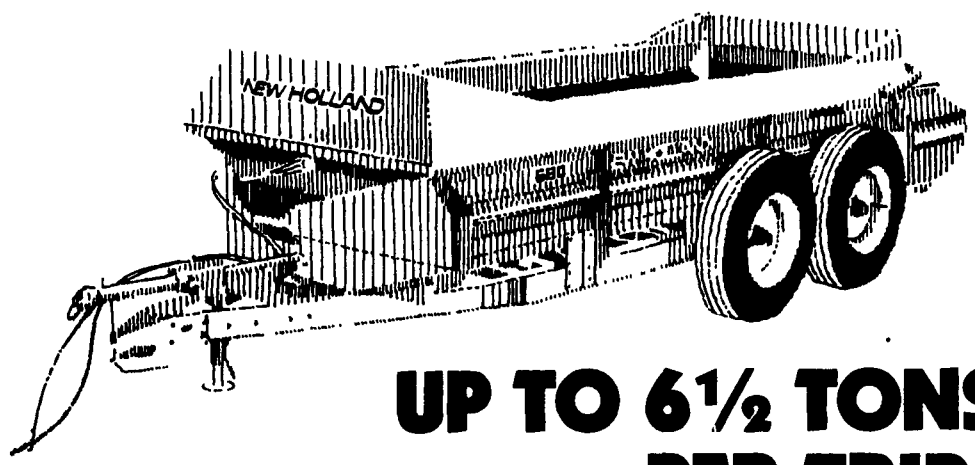

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Farm Women Societies

Lancaster Society 6

Lancaster Society 6 held its Christmas dinner on Dec. 1 at the Elizabethtown Church of the Brethren.

The program was filmstrips entitled "Bells at Christmas" and "A Time for Singing."

The January meeting will be held on Jan. 5 at the home of Mary Lee Spangler. The program will be the Chemical People by Sally Young.

Lancaster Society 11

Lancaster Society 11 met on Nov. 29 at the home of Verna Shirk.

Committee reports were given and two delegates appointed for the state convention.

Mr. and Mrs. Maurice Ferree gave an explanation and display of their craft of working with gem stones.

The December meeting will be at the home of Helen Shaub on Dec. 27.

Lebanon Society 14

Lebanon Society 14 met recently in the home of Muriel Kegerries. Nora Wenger was the co-hostess.

Mrs. Rosanne Yeager gave a craft demonstration. The next meeting will be the annual family Christmas party on Dec. 18 at the Campbelltown United Methodist church.

Lancaster Society 27

Lancaster Society 27 met recently at the home of Mrs. Wilmer Nissley, Mount Joy, for an evening of food demonstrations. Buffet turkey was demonstrated by Mary Sweigart and cream puffs were shown by Linda Burrichter.

The next meeting will be Dec. 11 at the home of Mrs. Jim Garber. Dottie Heilig will be participating.

Berks Society 6

Berks Society 6 met on Nov. 11 at the Oley home of Mrs. Steve Fisher.

Fifteen members made grapevine wreaths as a craft project.

Members chose the menu for the Christmas party on Dec. 7 at the Washington Inn in Bechtelville.

The next meeting will be at the home of Janet Schlegel to make fruit baskets.

York Society 26

York Society 26 met in November at the home of Mary Lantz. Donations were made to six fire companies, Christmas Seals and Red Land Community Center.

The Christmas banquet will be held at Strinestown Fire Company.

Seven members plan to attend the state banquet in January.

The December meeting will be held at the home of Ruth Kann

(Turn to Page B19)

Lehigh County 4-H

(Continued from Page B16)

Todd Bennecoff -- senior showman; Willi Wilson -- reserve senior fitter.

Benjamin Gruber -- reserve intermediate showman, reserve intermediate fitter; Kelly Costello -- intermediate fitter; Daniel Hartman -- junior showman; Mark Lazarus -- reserve junior showman

Brian Lazarus -- reserve junior fitter; Stephen Wessner -- First year showman, reserve First year fitter; Benjamin Lazarus -- reserve first year showman; Mary McCauley -- first year fitter; Brian Snyder -- most helpful member

Beef Club

Todd Bennecoff, Gavin Grim and Debra Krause -- champion trio.

Debra Krause -- champion fitter, intermediate showman, champion steer, judging team; Todd Bennecoff -- reserve champion fitter, senior showman; Rhonda Hartman -- reserve champion fitter, senior showman, Bonnie Wessner -- reserve senior showman

Gavin Grim -- reserve intermediate showman; best rate of gain, Daniel Hartman -- junior showman, Ruth Grim -- judging team Seth Gruber -- judging team

Holiday dairy promo

SYRACUSE — The holiday season is upon us. With it comes family gatherings, parties, and delicious home-cooked meals. These holiday festivities would not be complete without eggnog, pumpkin pie with whipped cream, and butter cookies.

To promote the use of only genuine dairy products in these seasonal treats, the American Dairy Association has developed a supermarket promotion campaign using the theme "Season's Treatings." The main thrust of the program is to install point-of-purchase materials in supermarkets nationwide. These materials include mobiles, dairy case banners, and recipe cards which are placed in the dairy section of stores. They feature holiday dairy ingredients such as butter, cream and eggnog, with photographs of suggested menu ideas.

Locally the promotion was installed in supermarkets and convenience stores beginning November 26. Approximately 3,200 stores throughout New York, New Jersey and Pennsylvania are involved.

The "Season's Treatings" Campaign will be supported through radio commercials and newspaper ads. Vincent Price, national spokesman for the "REAL" Seal will be featured in the ads, reminding consumers to look for the "REAL" Seal on all dairy products purchased over the holidays.

American Dairy Association's main objective in this promotion is to encourage and remind consumers to purchase real dairy products for use in their holiday meals. By placing materials in supermarkets, they are able to reach consumers at the point of purchase and hopefully increase dairy sales. "Season's Treatings" is just one of four supermarket point of purchase promotions which American Dairy Association runs throughout the year.

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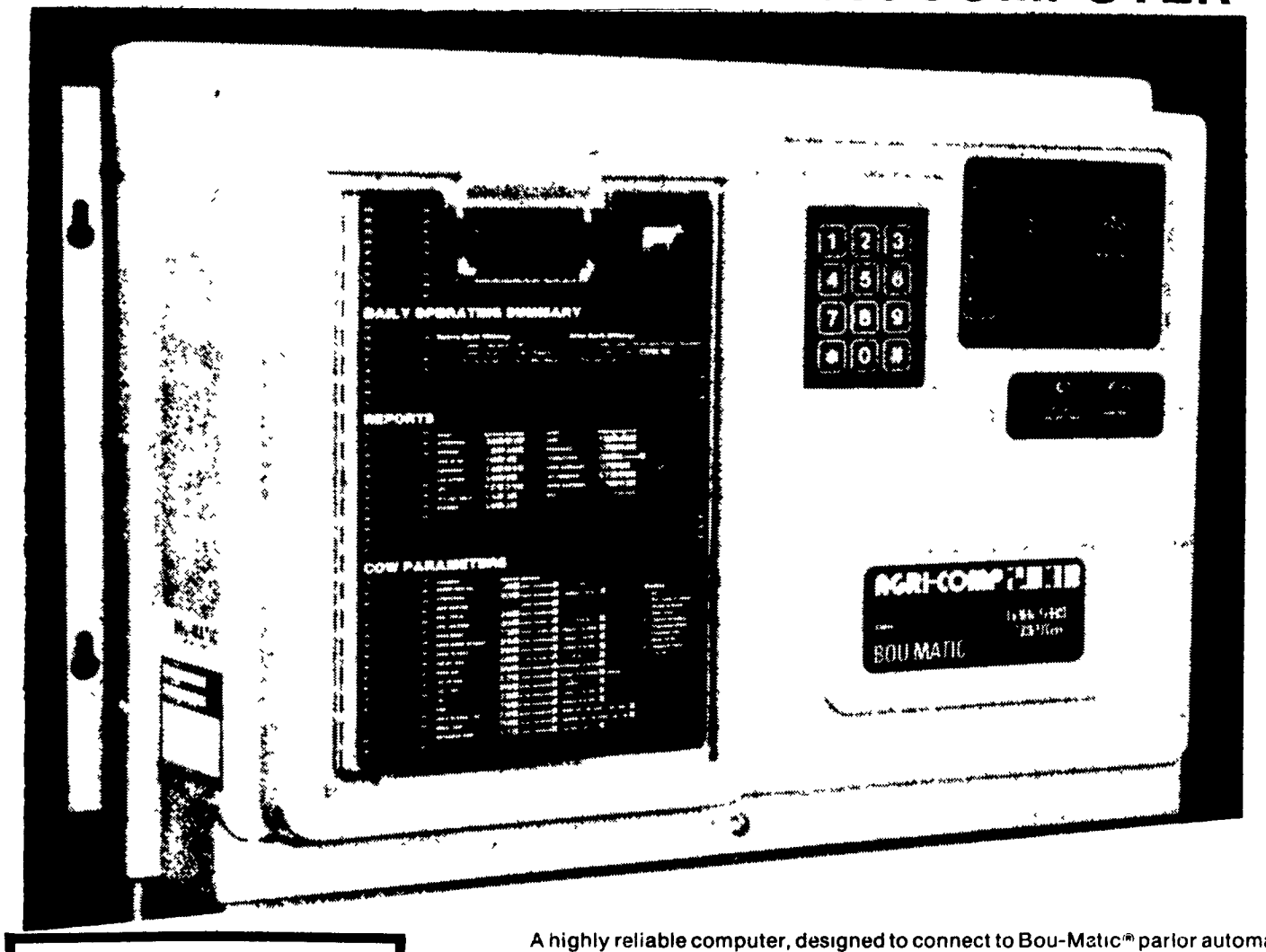

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On being a farm wife -And other hazards

Joyce Bupp

Legends grow from the tales that pass, father to son, of stalking deer in Pennsylvania's mountains. A priceless day, stolen from the farmer's hectic schedule to induct our son into this mountainside fraternity, has added stories of snorting doe, a massive hawk, explosive grouse and the big one that not only got away, but was unseen, to our family's history.

And legendary are the tales that pass from mother to daughter of the mishaps and misfortunes to occur when Pop's away at deer camp.

"Mom, we've got two new calves up in the springer pen."

"Great. Today's the first of December. That would put'em in the intermediate class, if they're heifers." (When you show cattle, every heifer born near the beginning of a show age class brings visions of blue ribbons, even before the calf's on its feet.)

Sure enough, herd assistant John had already made a quick check of the pen in the old barn and both were females.

One belonged to Muriel. Wonderful. Muriel is an old home-bred, formerly-shown cow, docile as a puppy.

The other fresh cow was Dee.

Dee? No. Groan, Anyone but Dee. If I had to pick one cow from the herd I'd prefer not to deal with under such circumstances, Dee would win the nomination, hands down.

A strapping, 1700-pound cow, muscled and marbled with mean streaks, Dee detests women. Always has, since the day we bought her at a Lancaster sale. Never-I mean never-does this animal miss a chance to rap me good with her big head when I tie cows.

Still, we had to be sure those babies had a drink, immediately, of protective colostrum, fuel to get them off to a good start. We don't wait and hope they find Mom's fast food outlets, if we can help it, but instead milk out this first milk and offer it in a bottle to make certain they eat.

One eye on the calves, the other on Dee, I eased in over the pen gates and wiggled through the other springers. If these newborns hadn't arrived ahead of schedule, they'd probably have been born in the maternity pens at the dairy barn, where they belonged.

Dee bawled. Shook her big, nasty head. Glared at me with fire in her eyes. I slipped down beside Muriel, on the opposite side from where Dee protested, and began stripping milk.

Bawling. Headshaking. A couple of signs in my direction. But Muriel stood her ground, a fortress behind which I could hide to feed the first calf. No way was I going to be able to milk Dee. Her calf, too, would get a colostrum offering from Muriel.

Exiting the pen temporarily, I returned with a pitchfork for disposing of the placental material. Besides, Dee was becoming more agitated, and my survivor instinct hinted that a bit of defensive arms buildup-at least in this case-might not hurt.

With a bit more warm colostrum, I began feeding the second calf. Dee lowered her head, shook it, let out a bawl and headed in my direction.

I fired in retaliation, and smacked her nose with the wooden handle of the fork. Temporarily she backed off and fortunately, this calf wasn't hungry.

Eventually, the three of us managed to push, walk, chase, retreat and shout Dee, and the calves, outside and down into the barn maternity pens, with Dee interrupting her carryings on just long enough to snitch a bite of grain from a calf hutch along the way.

To think they made special trips for licenses, traveled 100 miles, and stomped over the mountains all day in search of adventure, suspense and big game.

We stayed home and did the same thing for free.

The men might have hunted.

But it was the women who brought home the trophies.

Berks Society 12

(Continued from Page B18)

Berks Society 12 met at the home of Pauline Hartranft, Bernville.

Marjorie Shiner of The Nosegay, Bernville, demonstrated the making of Christmas arrangements and each member made her own.

The following officers were installed: Pauline Hartranft, president; Gloria Christman, vice president; June Beck, secretary; Helen Ebling, corresponding secretary; Rita Stump, treasurer.

The group is giving a Christmas present to its adopted resident at Berks Heim. They are also decorating a room at Berks Heim.

The group is going to help at the barn raising for the John Stump family.

Final plans were made for the family Christmas party to be held on Dec.16 at the Christ Little Tulpehocken Church, Bernville.

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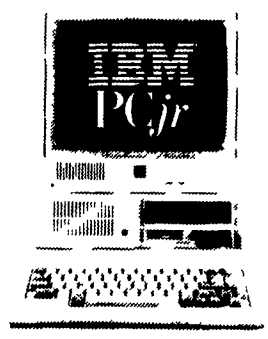

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Decorations add a touch of holiday cheer to Siegrist farm

BY SUZANNE KEENE

LITITZ — Some people approach decorating for Christmas as just another holiday chore, but Betty Siegrist of Lititz goes about the task with a heart that's full of Christmas spirit.

"I really love to decorate for Christmas," Betty says with conviction.

Her love for decorating is evident throughout the rooms of the family's spacious, 171-year-old farm house, which is the heart of a 200-acre farm. With a few simple touches, Betty creates an infectious holiday atmosphere in her home. Her method of decorating is a quiet testimony to the fact that glitter, tinsel and bright lights are not essential Christmas decorations.

Betty says she prefers to use natural items in her decorating scheme. And because natural greens last for only a limited time, she usually waits until the week before Christmas to start her decorating. However, because her home was included in the Heart of Lititz Country Candlelight Tour, held on Nov. 30, she had to start decorating earlier than usual this year.

Two local businesses — The Herb Shop and Grant Street Antiques — helped with the decorations for the tour, but Betty added her own creative talents to the project. Using berries, holly and greens, along with a few candles and assorted ornaments she has collected or made over the years, Betty creates a greeting card setting for her family and friends to enjoy.

A solitary candle nestled in a simple arrangement of greens and berries adorns her piano. Evergreen wreaths decorate the first floor windows, and bits of holly on the end tables spread the holiday spirit inside.

A miniature village depicting prominent businesses and homes in downtown Lititz occupies the mantle of the dining room fireplace, one of four found in the home.

Betty's locally made dining room furniture was made from black walnut wood off their farm. For a holiday centerpiece, Betty's table bears an arrangement of fresh pears accented with maraschino cherries.

Betty stands at the entrance to her home where she greeted nearly 1,500 visitors on the Lititz Country Candlelight tour. A simple, but attractive arrangement on the hall gives guests a preview of what they will find inside.

For the past several years, Betty has been decorating her porch with a gnome perched on an antique sled. She created three of the wizened little fellows from her daughters' dolls, using bits of felt for clothing and fur for their beards and hair. Now she has only one left, because her two daughters took their transformed dolls with them when they got married.

One year when she didn't put the gnome out on his sled, Betty said "People called me up and asked 'What happened to your gnomes?'"

Apparently it isn't just the family who enjoys Betty's decorations. For many years Betty decorated her mailbox with a bundle of colorfully wrapped packages. Shortly after a snowfall, a local photographer called to see if he cold come out to the farm to photograph her mailbox.

This Christmas Betty and her daughter are busy making baskets to fill with goodies to give away. Some of the baskets she fills with jellies and greens. "It makes a nice gift," she said, adding that she especially enjoys giving homemade presents.

Betty gets many of her decorating ideas from visiting craft shops. When she sees something that catches her eye, she gives it a try. "I can go home and make things myself. I'll try anything," she explains.

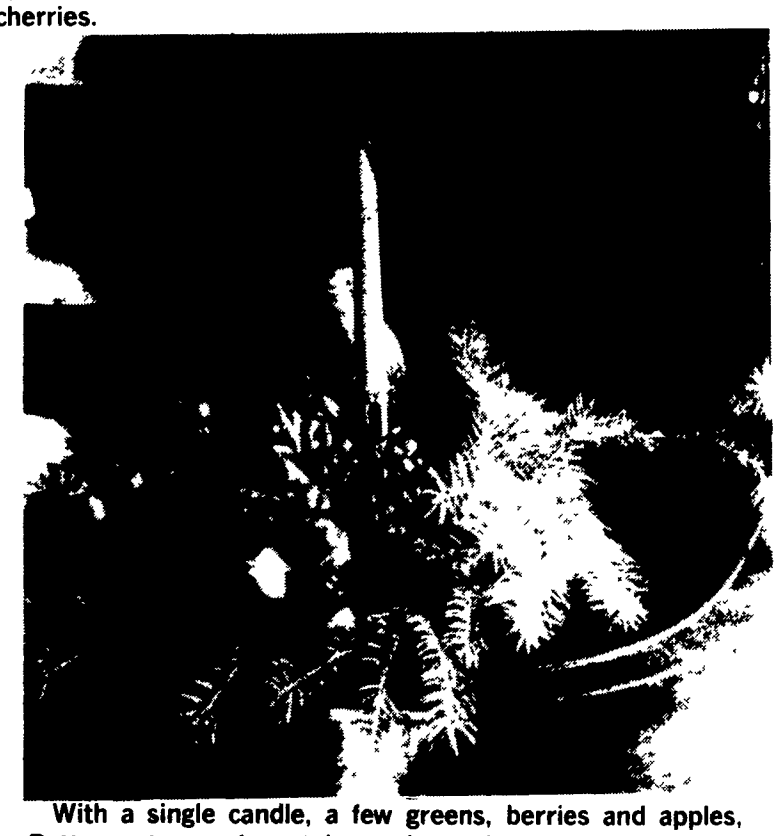
This week she got a few ideas from the Herb Shop of Lititz, one of the local businesses that helped decorate her home for the candlelight tour. Among the decorations provided by the shop were a goose made from thyme branches decorated with eucalyptus leaves and red ribbon; an herb box filled with sage, rosemary, cinnamon sticks and rose hips; and a dining room table centerpiece featuring fresh pears and maraschino cherries.

A few of the items seemed to fit in so well that Betty decided to buy them for herself.

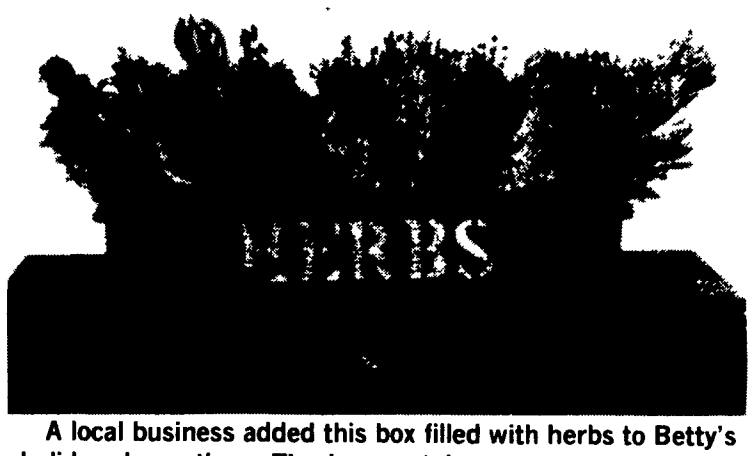
Betty does not confine her craft and decorating activities to the holidays. She has done a lot toward restoring the family's farm house to its present condition. By painting, papering and sewing slipcovers and curtains, Betty said she was able to save considerably on the remodeling costs.

However, the Siegrists have done very little to change the structure of their historic house beyond rebuilding the chimneys and fixing the porch and roof. The two-story brick home has a big front porch and features a double date stone that contains a prayer in Old German script, the name of the

(Turn to Page B22)



With a single candle, a few greens, berries and apples, Betty creates an elegant decoration for her piano.



A local business added this box filled with herbs to Betty's holiday decorations. The box contains sage, rosemary, cinnamon sticks and rose hips.

The Siegrist home in Lititz was built in 1813 and features a double date stone that contains an Old.German prayer and the name of the builder and date of construction.

This wizened little gnome is perched on an antique sled on Betty Siegrist's back porch. Betty made the gnome from a doll.

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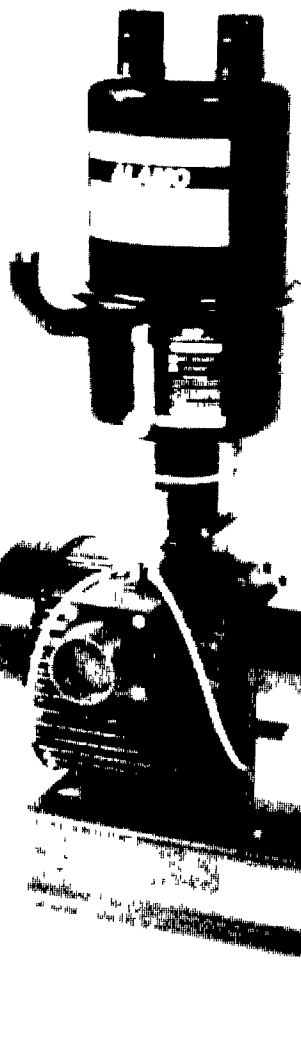

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Christmas Tree Lights

Lighted candles and Christmas tree lights are potential fire hazards. These lights are normally used only once a year, but most people seldom inspect the lights for possible frayed wries, crimped wires that could lead to short-circuits, or defective sockets that could create special electrical problems of their own. Here are some safety tips for Christmas tree lights:

Use only Underwriters' Laboratory approved electrical lights at all times. Use the proper lights for the environment; indoor lights should not be used outside because they lack weather-proof connections; lack of proper insulation increases chances of a short-circuit or fire.

Inspect all lights when unpacking before the holidays. Check for frayed, broken or exposed wires; look for broken or split sockets. Discard any sets with broken sockets or frayed or cracked wires.

Inspect bulbs for safe operation. Some lighting sets are wired so that failure of one bulb will not cause other lights to go dark. In cases like this, be sure an exact replacement bulb is used. Replace the bulb before using the set since the other bulbs will tend to overheat and create another hazard in the process. If all bulbs are extinguished when one bulb fails to operate, obtain a proper replacement bulb since the set will not work without it.

Never use electric lights on metallic trees. Although safe when used according to manufacturer's directions, metallic trees can become charged with electricity from faulty electric lights; this may result in a shock or electrocution hazard to anyone touching the energized tree.

Use no more than three sets of lights for each extension cord.

Inspect all rooms before retiring for the night or leaving the house. Make certain all tree and display lights have been turned off and the plugs disconnected. Many fires have occurred when lights were left burning in an unattended house.

A Pet For Christmas

If you're considering a pet as a Christmas gift this year, think first of what a pet could mean to your child before you make a final decision.

To a child, a pet is more than a dog or cat...a pet is a companion. It's important to a child to have someone or something that will love him no matter what he does...and a pet often does this when no one else can. A pet gives a child a feeling of ownership and can be comforting to him during moments of joy, sorrow, or in a crisis. And through his companionship with a pet, your child may be exposed to birth and death...and all the lively incidents that come between.

As he cares for and feeds a pet, your child may improve his knowledge of human relationships. He may grow in patience and understanding. He may become more aware of his own behavior, develop better self-control, and be able to substitute appropriate for inappropriate behavior.

If your child is to learn from the experiences of caring for his pet, it will take patience on your part. You may have to take time to explain why things happen, and take time to console your child if the consequences of his actions are too great for him to bear alone. Some child psychologists say that a child should not be expected to take full charge of a pet until he is 11 years old. Even at that age, there will be times when a child will slip from his responsibilities.

Dogs and cats are favorite pets, but there are other possibilities. Goldfish, hamsters, birds, white mice, rabbits or a pony may better suit your child and your surroundings. Whatever the choice...your child can learn about life through pets.

Decorations add

(Continued from Page B20)

builder and the year of construction, 1813.

Betty said they had tried for years to find someone to translate the prayer for them, but it wasn't until this summer that they learned the words. The prayer reads "All the world is made of clay and we'll go on to decay. Only one remains firm and stands. God will never pass away."

The Siegrists have opened the doors of their home to a number of groups in the past. Their farm house was included on the Lititz Bicentennial Tour in the spring of 1976. They have also hosted a tour group from Minnesota for the past eight years.

In addition to their decorating tradition, the Siegrists have developed some other Christmas rituals. The family always comes home to Lititz for Christmas dinner, which Betty faithfully prepares. However, this year, for the first time, one daughter and her family will be unable to come home for Christmas because she is expecting a child soon.

A big Christmas tree and plenty of Christmas cookies, including each family member's favorite, round out the family's traditions.

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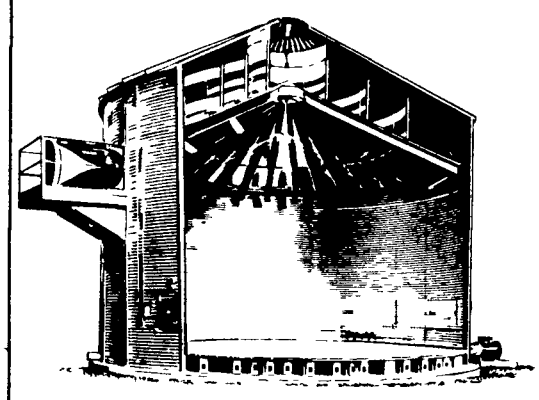

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York Co. lamb and swine clubs hold achievement night

BY JOYCE BUPP
Staff Correspondent

YORK — Lamb, ham, awards, plaques and certificates marked the annual York County lamb and swine clubs' achievement night, held Saturday, Dec. 1, at the 4-H Center.

The covered dish dinner provided the opportunity for leaders to salute outstanding accomplishments by members of the two livestock clubs, while members in turn honored their buyers, leaders and parents.

In the swine club awards presentations, trophies went to champion and reserve winners at both of two county roundups, with buyers of those top four animals also receiving recognition plaques.

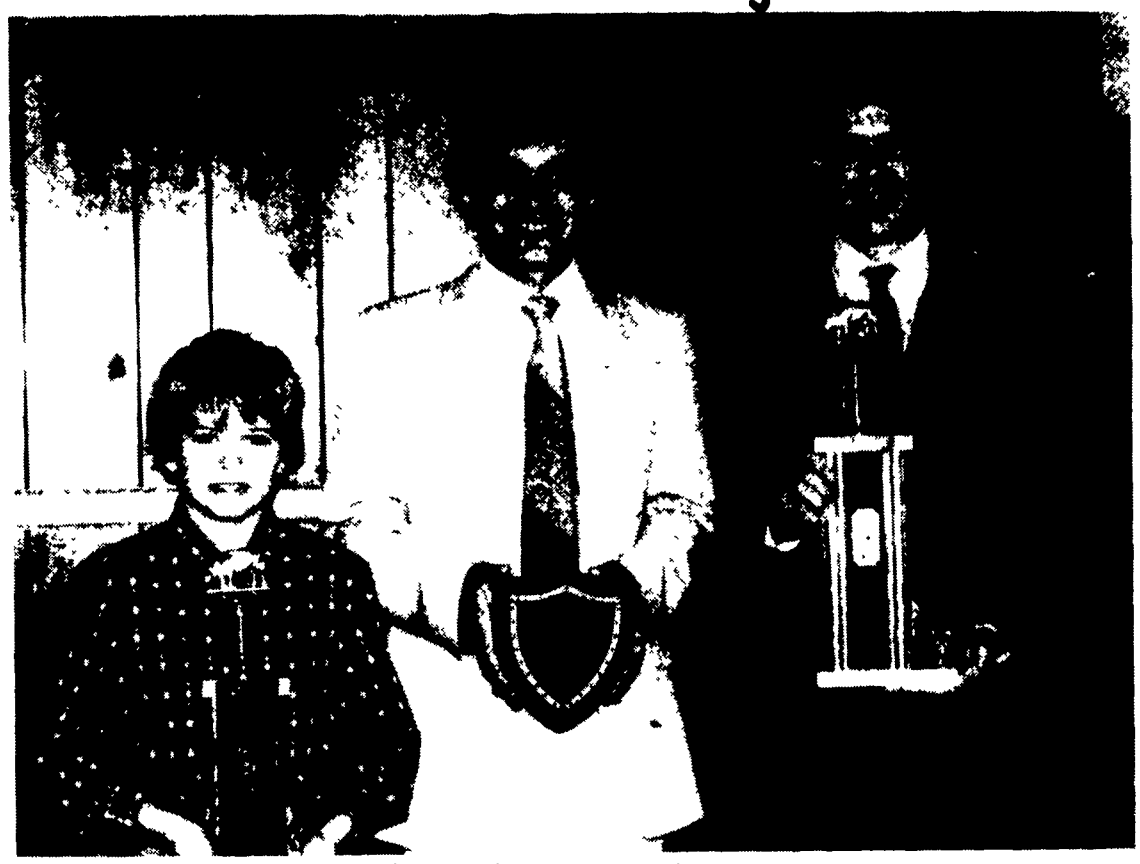
Gary Burgard and Patrick Fahey had the grand and reserve winners at the early roundup, and Abbottstown Grain and Feed was the successful bidder for Burgard's purple ribbon hog entry. Hatfield Packing purchased the reserve by Fahey.

Hatfield returned to the second roundup, and purchased both Tim Ferrence's champion, as well as Gus Parlett's reserve entry.

Swine club members received project completion recognition, based on their books and accomplishments. On top was Gary Burgard, with Melissa Trostle, second, and Shawn Beard in third place.

A rate of gain contest, sponsored by the York County Sheep and Wool Producers, honored three members whose feeding programs produced the best results on project animals.

Jenni Jefferis was the recipient of the first place check for $25, on her lamb's gain of 1.66 pounds per day. In second place, and gifted with a $15 check, was David Myers, on a .611 per day poundage gain. Sonja Shearer placed a close third, taking home a $10 prize for a .602 per day gain rate.



Among those recorgnized at the York swine club awards presentations were first roundup champion Gary Burgard, right, buyer Rick Ruppert of Abbottstown Grain and Feed, and reserve champion exhibitor Patrick Fahey.

David Myers and Sonja Shearer each received checks from the York Sheep and Wool Producers for outstanding rates of gain on their project lambs.

According to lamb club leader Steve Ebersole, the rate of gain awards were developed to encourage members to efficiently grow their lambs for market, and not just hold the animals toward show use.

Project completion awards went to lamb club members in four categories, based on years of experience. In the senior division, the top three placings went to Donna Wilson, Brian Bankert, and Heidi Dietz, while Tammy Flory, Amy Dutrey and Sonja Shearer took the top three spots in the intermediate competition.

First place in the junior category was a tie between Alicia Strausbaugh and Melissa Trostle, over Jennifer Hoke, second, and Stephanie Dietz, third. Heading the new member category was Julie Myers, followed by Brian Klinedinst and Amy Shaffer.

Champion and reserve winners in the two summer lamb roundups, along with their buyers, received recognition. York construction firm owner Bob Kinsley purchased both the champion shown by Terry Flory, and Melissa Trostle's reserve winner at the first roundup.

At the second roundup, Ralph Thomas, of Thomas Meats, Shrewsbury, was buyer of the second roundup champion, shown by Ed Keeney. Melissa Trostle again took reserve, with Willie the Butcher of Stauffer's of Kissel Hill the buyer.

In Melissa Trostle's summary of the year's lamb club activities, she noted a membership of 55, with the York Fair a highlight of most members' year. Among the events of the year were special speakers and demonstrations, fitting and showing workshops, and fund raiser food stands at the Lewisberry Adopt-A-Horse weekend and the Farm-City farm tour.

A similar report on swine club activities, given by Gary Burgard, recounted programs on feeding and care of swine projects, farm visitations, a meat processing facility tour and fitting showmanship workshops. The 25 members of the county swine club also sponsored fund-raisers with ham and cheese sandwich sales.

Special thanks were expressed by club's members and leaders to Lebanon area auctioneer Harry Bachman, who handled sales chores for the two roundups at Thomasville Auction. A youth

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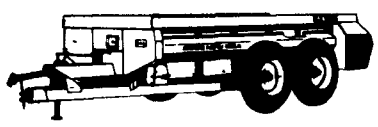

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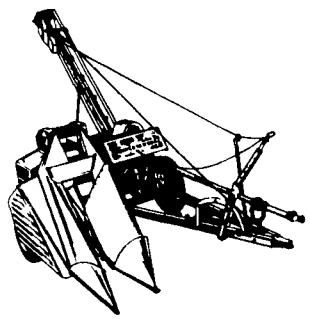

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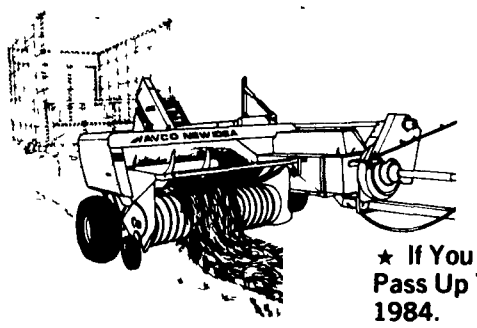

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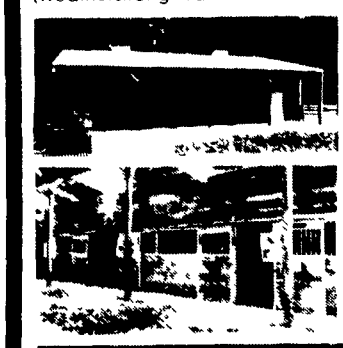

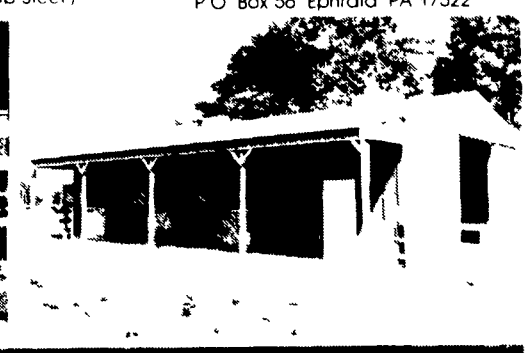

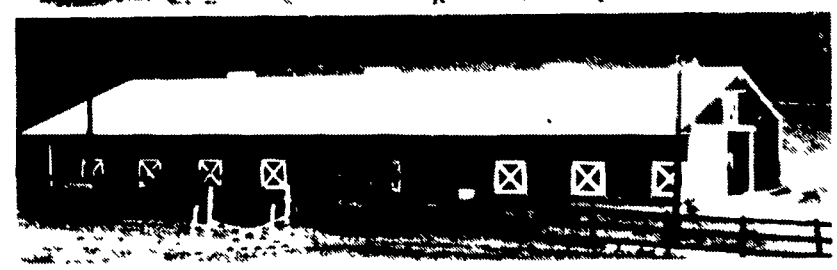

MPPA searches for '85 Pork Queen

GAITHERSBURG, Md. – The Maryland Pork Producers Association will hold its Md. Pork Queen Contest on Jan. 18, prior to the Association's Annual Membership Meeting and Dinner at the Montgomery County Fairgrounds in Gaithersburg.

In order to qualify as the state's pork industry representative, entrants must be single between 18 and 20 years of age, must reside on a pork-producing farm, or must have been involved with swine projects for at least two years.

Maryland's Pork Queen for 1985 will receive $100, as well as her choice of representing Maryland in the National Pork Queen Contest or receiving $500 to be applied to future education. She will represent the pork industry at all events deemed worthy of her attendance, with all expenses paid by the MPPA.

Interested young ladies should contact Julie Feeser, Box 372, Taneytown, Md. 21787. Phone: 301-751-1287. Deadline for application is Jan. 1.

Jefferson Community Club

The Jefferson Community 4-H Club held their achievement day on Nov. 18 at the 4-H Center. After a covered dish dinner, Charles Wallace, a noted wood carver, spoke to the club.

Completion pins were given to members. Matt Margush received the rookie of the year trophy.

The following members received sales awards: Greg Bankert, Kris Miller, and Frank and Ben Lecrone.

Steve and Mark Wire, Steve Wherley and Pat Fahey received certificates for participating in the archery shoot-off.

The following project awards were given: wood carving, Matt Margush; macrame, Ginger Yingling; strawberry, Dave Kann; vegetable, Chris Wherley; rabbits, Hillary Fahey; counted cross stitch, Lori Main; foods, Ben Lecrone; pet care, Steve Wherley; rocketry, Frank Lecrone; beef, Robin Shive; breads, Cathy Shive; handyman, Greg Main; archery, Steve Wire, animal sketches, Jeff Margush; swine, Greg Bankert; sheep, Brian Bankert.

Donna Shaffer, right, and her daughter Chris baked and decorated this cake to honor the 4-H sheep and swine programs. Sold as a fund-raiser, the cake brought a final $60 bid from Roger Bankert for B and B Enterprises. B and B is a newly-formed syndicate of Bankert and auctioneer Harry Bachman for investing in cakes.

York Co. lamb and swine achievement night

(Continued from Page B23)

activity supporter, Bachman's assistance at the auctions was largely by donation of his time and experience.

A final, spur-of-the-moment fundraiser for the year climaxed the awards program, with the auctioning of a 4-H decorated cake, donated by Donna Shaffer and decorated by her daughter Chris, a lamb club member.

Swine club leader Ron Trostle handled the bids, coaxing and cajoling the crowd of 150 to a final high of $60. Buyer was Roger Bankert, representing B and B Enterprises, a cake-buying syndicate of Bankert and auctioneer Harry Bachman, Bankert said he planned to temporarily house Bachman's share of the purchase. Proceeds of the auction were split between the swine and lamb clubs.

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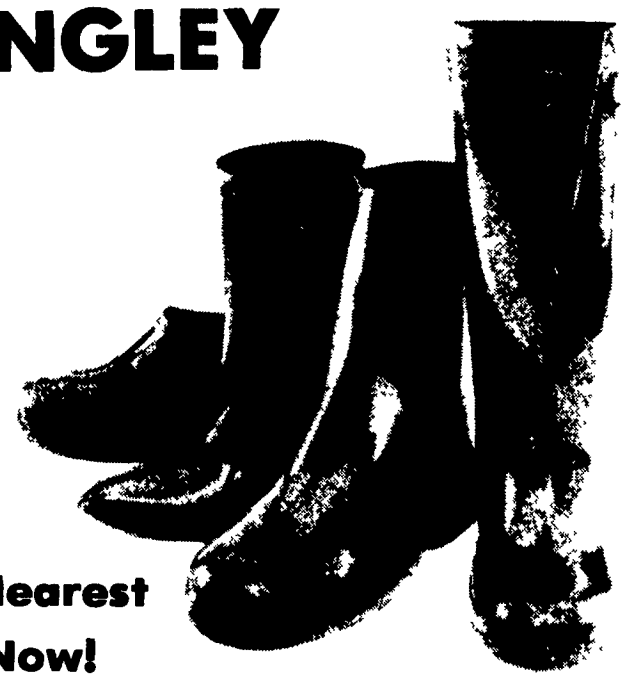

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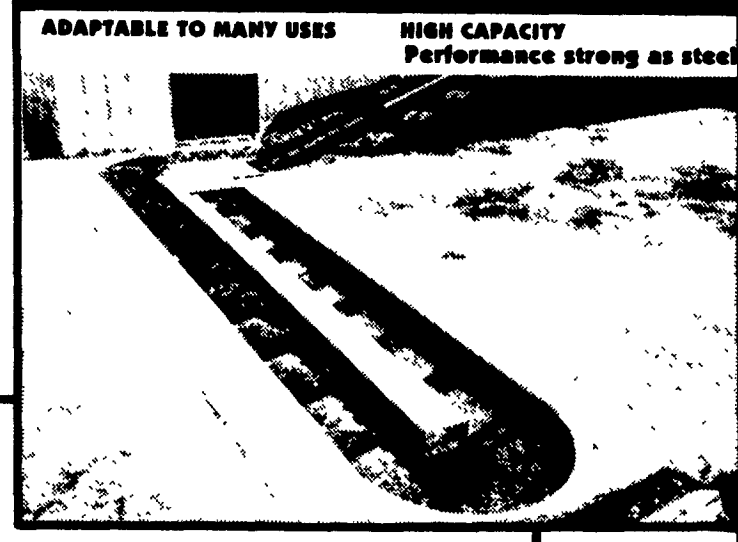

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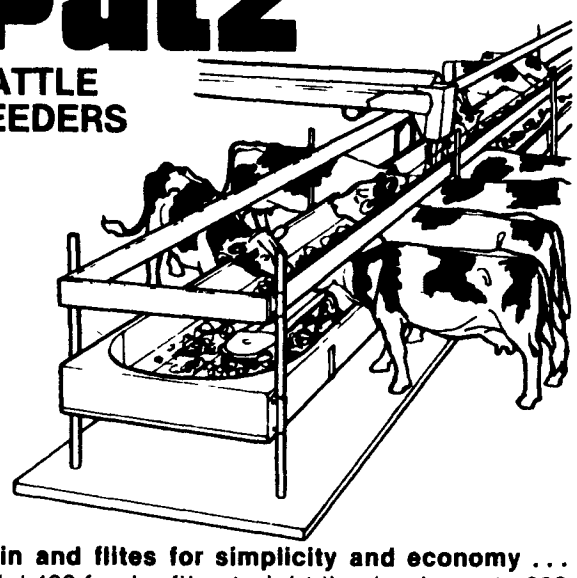

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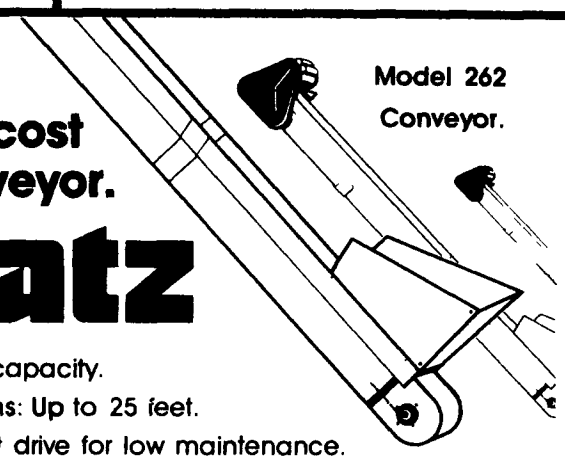

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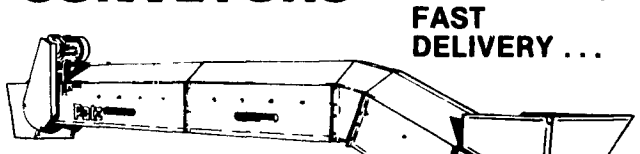
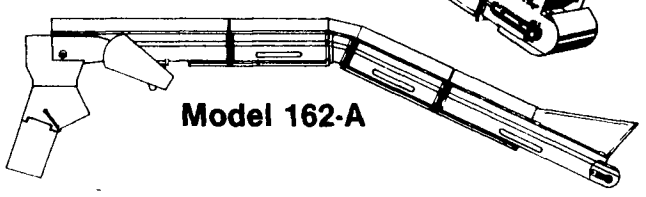


Model 166-A



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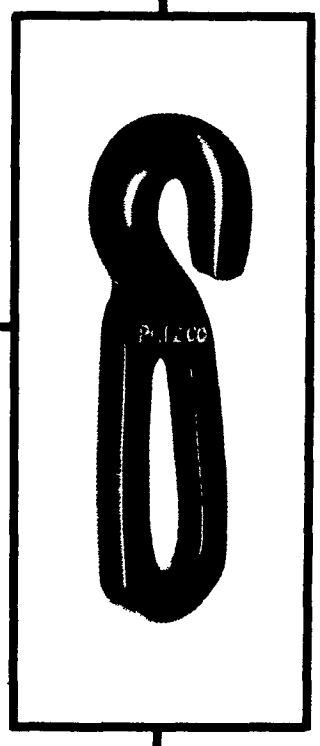

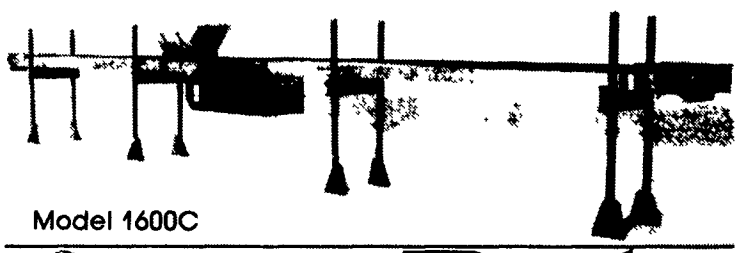

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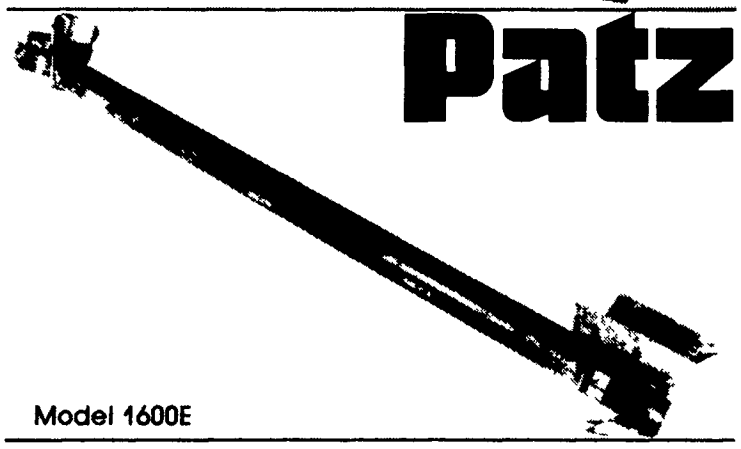

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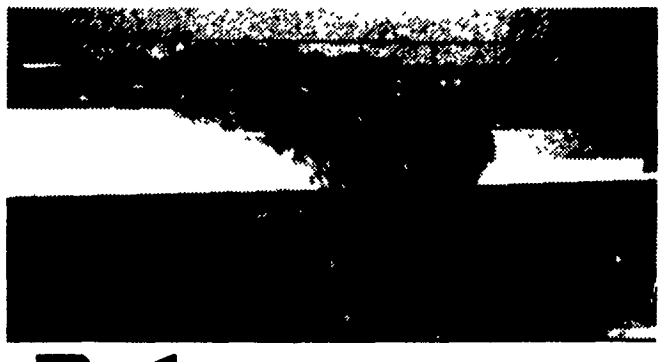

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Indiana Co. 4-H'ers honored at achievement night

Newly crowned 4-H king Jim Scott Jr., left, and 4-H queen Kris Ferraro are pictured here with Christopher Zagrodnichek, recipient of the outstanding junior 4-H member award.

BY BETH NESBIT
Staff Correspondent

MARION CENTER — Indiana County recognized its outstanding 4-H members for 1984 during the annual achievement night on Nov. 10.

Following a buffet style meal, 1984 4-H king and queen Maurice Sinan and Misse Mallino introduced the 1985 king and queen contestants.

Kris Ferraro of the Mahoning Riders, and Jim Scott Jr. of the Gordon 4-H club stood above the others when the judges handed in their decision. By accepting the title of 4-H king and queen, Jim and Kris will attend 4-H and public functions representing the 4-H organization.

Other contestants for this honor included Jennifer Befford, a member of the Green Clover 4-H club; Anna Brow from the Bits and Spurs 4-H club; and Kris Fincke from the Marion Center Handy Helpers 4-H club. Other contestants included Sherry McGee and Susan Nehrig from the Patchwork Pals, Pam Ross from Marion Center Handy Helpers and Lori Winsheimer from the Southern Indiana County dairy club. Jim Scott was the only contestant in the King contest.

Judges for the event were Susan Blass, Dauphin County; Walt McCready, Delaware County; and Marla Wirsley, Bradford County. All judges are former 4-H members in their respective counties and are currently active members of the Indiana University of Pennsylvania Collegiate 4-H club.

Each contestant was judged on poise, personality, 4-H activities, knowledge of 4-H, and speaking ability. Before the contest all contestants met with the judges in a formal interview setting. Results from this portion of the competition determined the finalists.

After the finalists were named, each one answered an impromptu question dealing with an aspect of the 4-H organization. From this portion of the competition the judges made their final decision.

Jim and Kris, the new king and queen, handed out the evening's other awards to their fellow 4-H'ers.

Marge Bezilla, a member of the Indiana County 4-H Advisory Council, began the awards distribution by handing out the teen leader certificates. Chris Zagrodnichek and Emily Ross were then introduced as the winners in the state 4-H poster contest.

Livestock leader Jim Scott Sr. presented the junior and senior outstanding livestock awards. Recipient of the junior award was William Risinger, a member of the Gordan 4-H club, while Clark Bruner Jr., also of the Gordan club, received the outstanding senior award.

A series of awards sponsored by Carol Schurman were next in line. Patsy Novak, a leader of the dairy goat club, presented the project book awards, given to those 4-H members who have completed the most informative project book in any 4-H category.

Kris Ferraro, the newly crowned queen, was again in the spotlight when she presented a speech for which she received a first place award at the National Invitational 4-H Horse Roundup.

Following Kris' speech, other outstanding awards were presented. Marty Yachisco, 4-H mother and leader, presented Joy Atwell, Norma Andrie, Kathy Yachisco, and Jeffery Fox with the outstanding news reporter awards. Last year's outstanding foods member, Sharon Fincke, was on hand to present the award to Pam Ross, this year's winner.

The junior and senior horse member awards were presented to Tammy Alms, junior member, and senior memberr Connie Zack.

Susan Bell, 1984 winner in the junior division of the county's most prestigious award, handed the honor to Christopher Zagrodnichek, while Ethel Coleman, also last year's winner in the senior division, presented Kris Ferraro with her final award of the evening.

The evening concluded with a slide presentation about all aspects of the 4-H year by the teen council.

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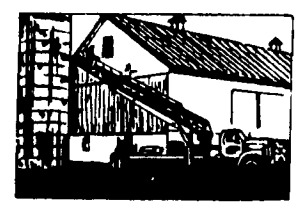

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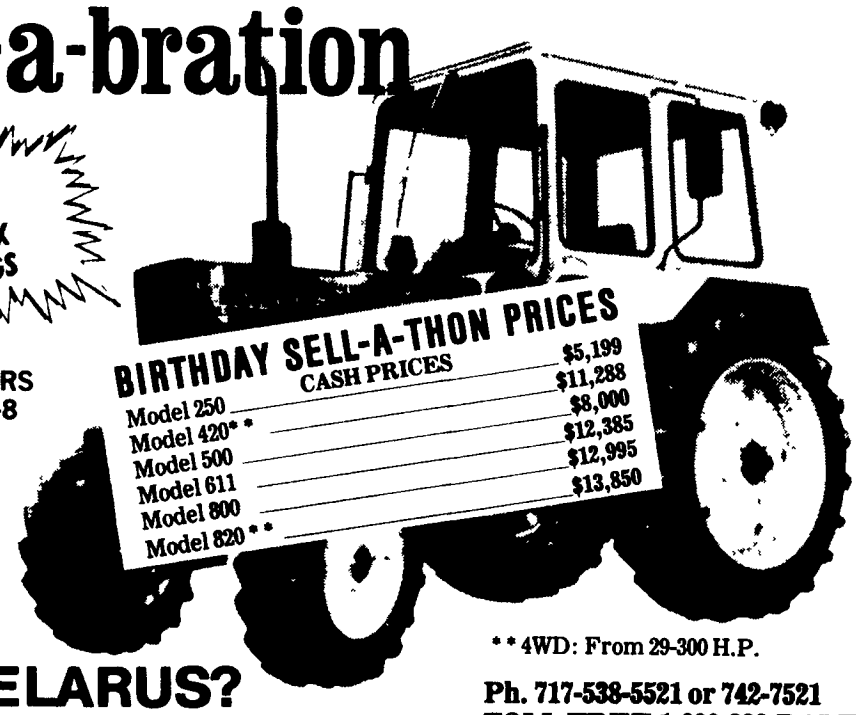

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Delaware seamstress is Grange sewing winner

Peggy O'Day, Seaford, Del., smiles as her National Grange Sewing Contest entry is named Best of Show at the National Grange Session in Portland, Maine. With her are her granddaughter, Christie, O'Day, and National Grange women's activities director Mary Burrington. Christie is modeling the dress that was Mrs. O'Day's entry.

SEAFORD, Del. — Delaware seamstress Peggy O'Day was recently named Best of Show winner in the National Grange Sewing Contest, the largest general sewing contest held in the United States.

O'Day received the recognition for a dress she made for her nine-year-old granddaughter, Christie. The 100 percent cotton green dress had short puff sleeves and ruffles in front. O'Day also made a reversible sleeveless vest done in strip quilting to accompany the dress.

An accomplished seamstress, O'Day won first place for the same dress at the state level, and first place in Class C (adults sewing for children) at the national level earlier this year.

In previous years O'Day had won some first, second and third place awards at the state level, but this is her first national win.

The Grange sewing contest began in 1951 and has been continued with slight changes since that time. Last year, contest entries totaled almost 35,000. Delaware usually has around 400 entries.

For her efforts, O'Day received a sewing machine, a trip to the National Grange session in Portland, Maine, plus money and merchandise from various sponsors of the contest. Contest sponsores included Simplicity Pattern Company, Singer Sewing Machine Company; B. Blumenthal and Company Inc.; Risdon Corporation; and C. M. Offray and Son Inc.

A retired middle school teacher, O'Day and her husband, Ralph, have five children. He is a retired farmer, and two of their three sons now farm. The family's crops include corn, soybeans, small grain and sweet corn.

O'Day, a Seaford resident, has been a member of Reliance Grange 58 for nearly 25 years. She is currently the Pomona Women's Activities chairman and was National Pomona for several years. Her husband was Master of the Delaware State Grange for four years. During those years, Mrs. O'Day was State Flora. She has also served as Subordinate Ceres and Subordinate Secretary.

F.W.S. Calendar

Saturday, December 8

Lancaster Society 7 will meet for a Christmas program with local talent.

Lancaster Society 2 meets for a fun and games program and a cookie exchange. Bring one dozen.

Lancaster Society 13 meets for a Christmas party at 6 p.m. at Ronks Firehall. Convention delegates will be named.

Lancaster Society 25 meets at the Wengers at 6;30 p.m. for a covered dish family Christmas party. Program by Happy Hours Men's Chorus.

Tuesday, December 11

Lebanon Society 5 meets at Heisey's Diner.

Lancaster Society 22 meets at 7 p.m. for a Christmas party with husbands and kids; covered dish dinner at Lampeter Firehall.

Lancaster Society 27 meets for a program by Dottie Heilig on Christmas and special music.

Thursday, December 13

Lancaster Society 21 meets for a handmade Christmas gift exchange.

Friday, December 14

Lancaster Society 18 meets for a Christmas program and special music.

Saturday, December 15

Lancaster Society 3 meets at Mt. Airy Firehall for a program with a ventriloquist and gift exchange.

Young Shepherds

Salem County now has a new 4-H club — the Young Shepherds 4-H Club of Salem County.

The group meets every month and will be hearing speakers, seeing films and giving short talks themselves about raising meat and wool-type sheep.

Anyone interested in joining the club should call Amber Smith at 358-7200 after 6 p.m. for more information.

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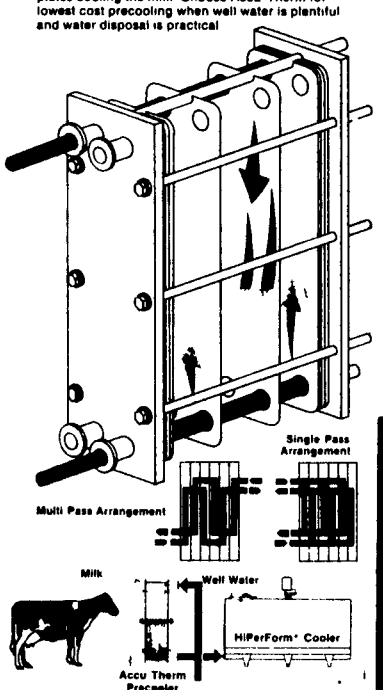

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LANI BLOOMER

Make holiday treats

Here's a collection of small, relatively inexpensive goodies or gifts you can make in your microwave. I have selected these favorites for this year since they are all easy to make, are ALWAYS successful, and are delicious (except the play dough, which I don't recomment eating, though it's nontoxic!).

These would make good small gifts for friends and neighbors, a teacher, or to use as a hostess gift. The nuts or mints would be great for a holiday party tray too, since they can be made ahead of time. Buy or decorate small tins or baskets to hold these, and you have a one-of-a-kind gift that will be thoroughly enjoyed.

I have made this playdough for my boys for years. The recipe gives a generous amount for little hands to mess around in, but can be cut in half if desired. It lasts indefinitely when kept tightly covered in a plastic container. A batch of playdough and a bag of small plastic farm or zoo animals will keep a young child occupied all winter!

Play Dough

2 cups flour
1 cup salt
4 teaspoons cream of tartar
2 cups water
4 tablespoons vegetable oil
1/4 - 1/2 teaspoon food coloring, optional

1. Mix all dry ingredients in an 8-cup measure or 2-quart casserole. If using food coloring, add it to the water. Stir water and oil into dry ingredients, stirring until smooth.

2. Cook on high for five to six minutes, stirring well every two minutes, until the playdough clings to the spoon and is not sticky any longer. When cooked enough, it will be pliable and soft, but not sticky.

3. Turn out onto a plate or piece of wax paper to cool a few minutes. Knead a minute or two until smooth. Store in a tightly covered plastic container. Hint: If the play dough starts to dry slightly after several months, or if it is left uncovered, sprinkle with water and knead until smooth and soft again. Makes about 3 cups.

Buttercream Mints

2 tablespoons butter
3 ounces cream cheese
1 pound box confectioners sugar (3 1/2 cups)
1/2 teaspoon mint, lemon, orange, etc. extract
2-3 drops food coloring, optional
granulated sugar to roll candies in

1. Soften butter and cream cheese in a mixing bowl for 45 seconds on high. Beat with a mixer until smooth.

2. Beat in extract, food coloring and confectioners sugar, mixing well, until it clings to the beaters in a lump (3-4 minutes of beating). The candy should be smooth, pliable and not sticky. If it is too crumbly, and 1-2 DROPS of milk; if it is too sticky,, add more powdered sugar, a teaspoon at a time.

3. Keep candy covered with plastic or wax paper while rolling, so it doesn't dry on the surface. Roll about 1 teaspoon candy into a ball, roll in granulated sugar, then flatten with the bottom of a glass. Set mints on a cake rack to dry and harden for several hours or overnight.

4. Store in a tightly covered container at room temperature (refrigeration is not necessary). Makes 50-60 candies.

Variations: Dip half of each candy in melted chocolate coating for a fancier candy. Set on wax paper to harden.

Make BonBons by shaping 1 teaspoon candy into a ball, rolling in sugar, and flattening only the bottom of the ball. Holding the candy on a fork, dip the entire candy in chocolate coating. Set on wax paper to harden, and store tightly covered.

The candy may be pressed into small candy molds after rolling in granulated sugar. Let harden overnight on a rack, and store tightly covered.

Chocolate Coating

You can buy chocolate coating, or make it by combining 1/2 pound milk chocolate with 1/4 cup melted parafin. For dark chocolate coating, use 1/2 pound milk chocolate, 3 squares bitter (baking) chocolate, and 1/3 cup melted parafin.

Note: Parafin alone will not melt in the microwave! I put it in a clean tin can, set in a pot with a little water on a range burner. To melt it in the microwave, shave the parafin into small pieces, and mix it with the chocolate to be melted. The heat of the chocolate will melt it when you stir.

To melt chocolate coating in the microwave, break chocolate into small pieces in a glass bowl or meaure. Heat on medium power (50, 5), stirring frequently until it is melted and smooth. Do not use high power to melt chocolate, you may scorch it. Use Defrost if your oven doesn't have medium. Some chocolate retains its shape, even when melted, so you have to stir to tell when it's melted. Set bowl or measure in a larger bowl of very hot water to keep chocolate warm longer for dipping. If it cools during dipping, reheat on medium for 1 minute, then stir.

Rusty Nuts

1 egg white
1/4 teaspoon salt
1 tablespoon orange juice
2/3 cup sugar
1 tablespoon grated orange peel
1 teaspoon cinnamon
1/2 teaspoon ginger
2 8-ounce bags whole pecans or almonds

1. Beat egg white until foamy. Add salt and juice. Continue beating, gradually adding sugar until soft peaks form. Fold in spices, then stir in nuts.

2. Spread mixture thinly and evenly in a flat glass dish (pie plate, utility pan, etc.).

3. Cook on high, uncovered, for 9-10 minutes, stirring every 2 minutes, until the mixture is dry and crumbly and the nuts are toasted. Let cool.

4. Break nuts apart when cold, and store tightly covered. These may be frozen for long storage. Makes about 3 cups.

Note: The times given above are for microwaves with 600-700 Watts of power. For 500-600 W, add 10 seconds to each minute; for 400-500, add 20 seconds to each minute.

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13 - Hog Equipment & Supplies
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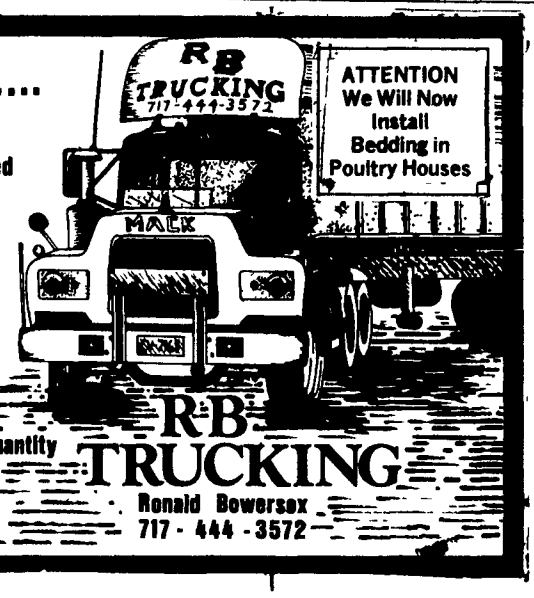

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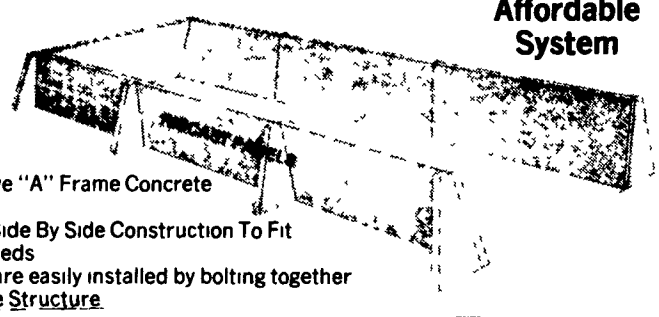

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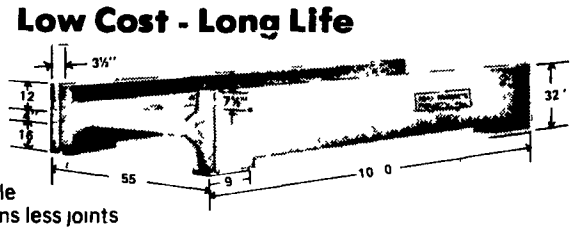

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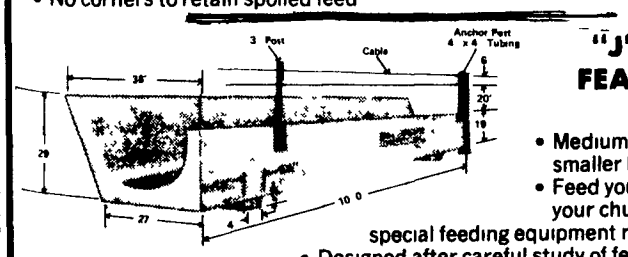

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9 HORSES AND MULES

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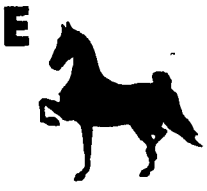

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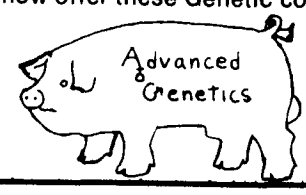

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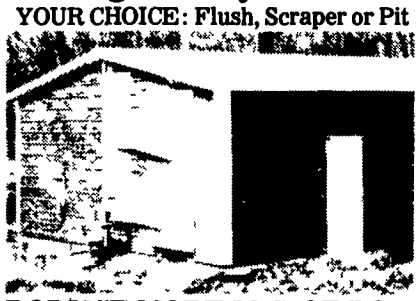

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15 FEED AND SEED

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Sex Sal Link Pullets, 20 weeks old. John Leid, Lanc. Co., 215-445-4837 or 445-4053.

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For Sale: 2880 ft. of Choretime and Clyclone pan and tube feeders for broilers. (No suspension included.) .50 cents per running foot. Power head and hopper, $100. per unit. 6 units for sale. Lancaster Co., call 717-367-9543 evenings.

12 row Kool's washer, dryer and candler accumulator Also 2 Egg-O-Matic 60 case per hour egg packers Still in use Will be available January 1st
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Sell direct to us for cash.

- Fowl
- Pigeons
- Bantams
- Pullets
- Capons
- Rabbits
- Guineas
- Chuckers
- Turkeys
- Lambs
- Goats

JACK MINTZ POULTRY
215-267-4784

4 Year Old Equipment From 44'x304' Breeder Layer House;
All Equipment In Very Good Condition

No Reasonable Offer Refused

	Sell Price Approx. ½ of new price
1200 Ft. Favorite Flat Chain	$400
1 - 40' Flex Auger With Drive, Motor and Switch	$384.00
4 - 36" ½ Hp Zimmerman Fans With Shutter and Thermostats	$320.00
2 - Choretime Power Packs	$175.00 ea.
1 - Choretime Static Monitor	$230.00 ea.
160 - Oak Roosts With 1"x1" Oak Slats 4'x14'	$20.00 ea.
4 - 24" Choretime Fans	$190.00 ea.
4 - Modulators	$70.00 ea.

This Equipment Is Not From An Avian Flu House

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BEST IN DESIGN, PRICE AND EXPERIENCE

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ROASTED SOYBEAN FOR SALE
Top Quality
Will Deliver
Call For Price
Turbotville, PA
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Also Available - Roasted Soybeans

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Receiving Saturdays & Late Hours In Rush Season
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For Sale: Wheat Straw, will deliver. Call 717-792-9930. York County.

HAY FOR SALE: Alfalfa mixed with Orchard Grass; Alfalfa mixed with Timothy; Good Alfalfa first, second and third cutting. Sold at barn. Northern Chester County. 215-827-7687.

Hay For Sale Grass and Clover, first and second cutting, square bales or round bales, delivery available. Also Mulch Hay. Southern Chester Co. 215-388-6501.

Hay, large round bales, Alfalfa tre-foil, $180.00, ten bales, will load. Phone 607-324-5633, 607-324-2999, Hornell, N.Y.

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquires invieted. Call collect. 301-343-0343.

Rye Seed Bagged or Bulk. Any Amount 717-626-7747 or 859-2960.

Straw Wanted -Wheat, barley or rye. Bright only. Pay $90 and up. We haul. Cash at local scale. Also need top Timothy. Evenings 215-588-7697. If no answer call 201-454-8259.

WANTED-Choice mixture hay, alfalfa and timothy or alfalfa and orchard grass. Must be top quality. Please call 301-734-6906.

WANTED LARGE QUANTITIES Timothy, Alfalfa, Straw. Buyer will haul. Cassidy Brothers Farms. 703-777-5134

100,000 Bales of our own home grown hay; all kinds for horses or cattle; something for everyone; delivery available; 216-223-1491.

32% liquid protein, wholesale/retail from manufacturer. Dealer inquires invited. Call collect, 301-343-0343.

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CONTRACT OR SPOT PURCHASE
480,000 bu. Storage capacity
Fast unloading, digital printout scales
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Located along Rt. 10 between Russelville & Oxford
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Grain Receiving in Lancaster, York, Palmyra
Call Pennfield Corporation at 299-2561
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QUALITY FEED INGREDIENTS
(Reasonable Prices)
* 48% Soybean Meal
* Dried Corn Distillers
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Lock in These Low 48% Soybean Meal Prices.
Pricing Meal into next summer.
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Analysis: 90.53% Calcium Carbonate Equivalent
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Hi-Mag Lime Available Also
* Damp Lime (Spread w/Spinner Trucks) $9.40 Per Ton
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Lancaster Co.

Choice Timothy & Alfalfa, Timothy & Clover and Timothy Hay
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All kinds of hay
Will pick up
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Lancaster County

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Will Deliver
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Hesston Bales, round bales. Made early, inside stored. Timothy, orchard grass, alfalfa
Also Hesston bales of straw
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Current prices paid.
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16 FERTILIZER

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Calko™ = Lime plus Potash and Sulfur.
Compare our analysis!
77% calcium carbonate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 45% Sulfate USDA Tested & Proven Only $5.00 per ton F.O.B. We Deliver!
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Take this opportunity to lower your costs and increase your yields and profits.
As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product.
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$11.00 a ton
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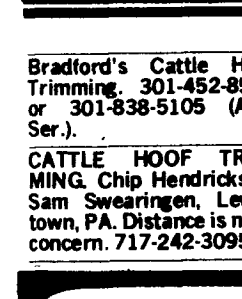
17 PLANTS

YANKEE MUMS: These hardy perennials grow well in pots or beds, blooming all year, producing beautiful cut flowers whenever desired. Mixed colors and types. INSTRUCTIONS YANKEE BUBBLER, Box 162, Odessa, NY 14869.

19 NURSERY

800 Christmas Trees, wholesale. Call 717-776-7171.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21 SERVICES OFFERED

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Custom Ice Cream Packaging Juggers, store owners package the best ice cream under your label. Call Meadow Brook Farms, Inc., Pottstown, PA. 215-326-2540 Aks For Bud.

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J. C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke Control. Lawn and Shrubbery Spraying. Free estimates. 1278 Loop Road, Lancaster, PA. 717-397-3722.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

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Call Now To Schedule Your Trimming In Jan. of '85

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Custom Catering
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• Family Reunions • Fund Raisers
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Fluid Power Specialists
1. Most all gear, vane, piston pump and motors. (OEM units when parts available to us.)
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Pick-up and Delivery Available...AND MUCH MORE
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Just East of Lancaster off Rt. 340
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WANTED
Custom hauling
with 5th wheel trailers.
Hay, Farm Machinery, almost anything
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22 CUSTOM WORK

CUSTOM ROUND BALING
Medium Size
50 to 100 bales
$3.75
100 or More
$3.25
MARVIN ZIMMERMAN
RD 4, Lititz
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733-8024

23 HELP WANTED

Agri-Business position retail sales of Dairy Farm Equipment and Sanitation. Some College education desireable, not necessary. Central PA. Lancaster Farming, P.O. Box 366, R-25, Lititz, PA 17543.

Historic renovation craftsman needed to begin November. We are looking for varifiable experience and sensitivity to building restoration. Masonry, carpentry, plastering, painting, roofing and related skills needed. Both individuals and subcontractors. Call 301-879-5447.

Husband and wife team o: 2 sisters to milk on larg NE PA dairy. Must b experienced with at leas 100 cow herd, housing provided. Call 717-278-3924.

Large crop farm, Sussex Co., N.J. needs full time, reliable assistant experienced in field work, mechanical and maintenance work. Salary and house included. Send resume to Lancaster Farming, Box 366, A-26, Lititz, Pa. 17543.

LOAN OFFICER
Desirable qualifications include agricultural background, solid understanding of accounting and finance principles, college degree desired. Position open in Southern Chester Co. Excellent benefits. Opportunity for advancement. Salary commensurate with ability. Send resume to Southeast Farm Credit Service, PO Box 687, Avondale, Pa. 19311. Equal Oppportunity Employer.

MUSHROOM FARM GENERAL WORK-Experience of front end loader and 10-wheel truck operation is required. Prefer persons with good mechanical aptitude. House available. 215-593-6093. 7-8 PM or send resume to Chen Mushroom Farm, Rt. 2, Box 3, Chiristiana, PA 17509.

NEEDED: Young Christian couple experienced in poultry for a medium sized modern operation. References required. Lancaster County. Write to Lancaster Farming, PO Box 366-A-23, Lititz, Pa. 17543.

Person for 80 Holstein cow operation. Some general farm work. House trailer available. Write: Stony Lane Dairy, Pineville, Pa. 18946. Or Call 215-598-7529 evenings.

Person to work on 170 cow dairy farm, house provided. 717-784-2946.

Person w/farm background for selling & demonstrating computerized & regular milking systems for established dealer in SE PA. Immediate opening. Lancaster Farming, P.O. Box 366, R-18, Lititz, PA 17543.

REAL ESTATE FARM AGENTS NEEDED: Lebanon, Berks, Lancaster, Dauphin, Schuylkill Counties. Call or Write: REAL ESTATE BROKER AUTIONEER NELSON EBERSOLE 717-867-5221. SUBURBAN REALTY-FARM DIVISION, 30 West Main Street, Annville, PA 17003.

Responsible person for general farm work on large dairy farm on Maryland's Eastern Shore. Must be dependable, a self starter and able to handle responsibility well. P.O. Box 83, Kennedyville, MD 21645. 301-348-2121.

ROSE GROWER - steady, fulltime greenhouse work growing roses as cut flowers. Alternating 6 and 6½ day weeks. Agricultural experience necessary. Company provides benefits and is located near Willow Grove, PA in Eastern Montgomery County. Please reply to: Lancaster Farming, P.O. Box 366 R-20, Lititz, PA 17543.

SALESPERSON FOR FARM EQUIPMENT DEALER. Lancaster Farming, P.O. Box 366, K-39, Lititz, PA 17543.

WANTED-Christian person interested in dairy farming on a 70 cow operation. Must have experience, references and be highly motivated. 814-684-4475.

23 HELP WANTED

Assistant herdsman wanted. 275 milking herd. Carrousel milking parlor, automatic take-off. Good salary with housing and medical benefits. Call 215-274-8009.

Block Layers and Laborers. Will train. 717-442-8020.

Challenging opportunity for a person with the desire and ability to assume full responsibility for an established small fruit, vegetable and Xmas tree operation. Write to Lancaster Farming, PO Box 366, A-29, Lititz, Pa. 17543.

Christian person to work in sawmill. Paid holidays and vacation. Good benefits. Reinholds area. 215-484-2708 before 9:00 p.m.

Couple interested in self sufficient living. Have land and cabin and animals to get started. Also have part-time work at our Homestead. Evenings 717-754-4661.

Dairyman for medium herd, South of York. Excellent wages, housing, benefits. 301-357-5239.

Experienced help to strip tobacco. 717-872-7801.

Experienced person to work on dairy farm, salary open. House and utilities furnished. 703-752-4551.

Experienced person for 200 cow registered holstein dairy. Milking, feeding, etc. House & other benefits. References. Lancaster area. 717-464-3752

Farm Manager Assistant-House with salary in Sussex County, NJ for qualified individual experienced in crop farming, machinery repairs and property maintenance. Send resume with references to P.O. Box 90, Mendham, NJ 07945.

HELP WANTED-Person to service retail trade and parts counter. State experience, name, address and phone #. Lancaster Farming, P.O. Box 366, L-43, Lititz, PA 17543.

HELP WANTED-Experienced mechanic to service agricultural and/or lawn & garden equipment. State experience, name, address and phone #. Lancaster Farming, P.O. Box 366, L-44, Lititz, PA 17543.

Herdsperson: Married person to accept responsibility of 60-cow dairy. Little field work. Housing. 717-265-3889.

WANTED-Christian couple interested in starting dairy farming. Have room for small herd of registered holsteins. Will trade feed for labor. 717-548-3116.

WANTED-Herdsperson for 60 cow Holstein Dairy in Southern Chester Co. House and benefits provided. Send resume to Lancaster Farming, P.O. Box 366, K-44, Lititz, PA 17543.

Experienced milker and herdsman. Must be sober and dependable. Good pay and fringe benefits.
Call **David Carper**
301-374-2273

Self Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
717-266-5611

Dairy Farm Employees Needed Now!
Many excellent opportunities.
References, relocation and recent dairy experience required.
Employers pay us.
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AGRIcareers
New Hampton, IA 50659

24 SITUATIONS WANTED

Family desires dairy or poultry farmwork with housing. Please call 215-488-6734.

WANTED-Full-time position on grain operation, possibly with beef or hogs. Mature, responsible man married with small family. Nondrinker, nonsmoker, have 7 years crop experience, have operated a variety of large equip. including tractor-trailer. Mechainically inclined. Prefer Eastern PA, Eastern MD, NJ or DE. Avail. after Jan. 1. 215-675-1189.

WANTED: Loan for first mortgage on 162 acre farm in Central Lebanon Co., Pa. Write: P.O. Box 29, Annville, Pa. 17003.

25 BUSINESS OPPORTUNITIES

FANTASTIC OPPORTUNITY
for sales minded person to assume farm supply route. Areas available in Central and Southwest Pennsylvania. Established accounts - Training provided.
For great future call:
I.B.A.
717-263-1965

25 BUSINESS OPPORTUNITIES

BUSINESS VENTURE
Women's apparel and accessories; full inventory; all racks, shelving, counters, lighting fixtures, cash register; EXTRAS! building not included but negotiable for rental, corner location; small thriving town where Rtes 6 and 14 cross; Troy, Pa. Shown by appointment only!
Peggy Evans
Keith, R.A.
Robert Kendall Broker REAL ESTATE 15-CANTON ST. TROY PA Phone 297-2120
Home. 717-297-3569
Office 717-297-2120

25 BUSINESS OPPORTUNITIES

Business Opportunity in your own home of locally made half size dresses. Make offer. 717-859-2347.

FOR SALE: Family restaurant with seating for 50. Doing a high volume of business. Owner retiring. Located near New Bloomfield in heart of Perry County. Takes a lot of work and time but is good money maker. Building, inventory and all equipment included. Less than $100,000. Price negotiable. For full details write Kenneth S. Landis, RD2, Box 215, Mifflintown, Pa. 17059.

AKC Collie puppies, sable, white, $125. Shots, wormed. James Richart, Canton, Pa. 717-673-8852 evenings. Also, Blonde Cocker pups, $45.

Austrailian Cattle Dogs. Red and Blue Heeler pups for sale. A nice litter of nine pups from excellent parents. These are good working dogs and good watch dogs. Amos E. Kauffman, RD1, Box 276, Christiana, Penna. 17509.

MONEY FOR PUPS
In litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
Charlie Hackett
mornings.
1-215-924-8882

PUPS WANTED
There will be a $100 Prize on Tues., Dec. 11 for the cutest pups. I especially need Terrier, Eskimo and Spaniel mixes.

I Need 111 Pups Tues., Dec. 11

PUPS WANTED by Jo Jo The Dog Man
$ Top Dollar Paid $
I need puppies to 8 weeks old every Tuesday evening from 7-9 PM at Root's Farm Market 4 miles south of Manheim off of Rt 72, Manheim PA

Pure and Mixed Breeds Purchased

If you have any questions, phone
609-452-8903
For best results Phone
Mornings 7-9
Other Times -
Keep Trying

The $100 prize for coming the furthest distance on Dec 4 goes to Kenny Brown of Ulster, PA. The $100 prize for the cutest pups goes to Curtis Martin of Ephrata, PA.

26 HOUSEHOLD

For Sale: Antique Organ - Kimball - Warranty Dated 1900. Extra fancy oak cabinet, extensive carving, mint condition, except bellows, 6½' high, perfect mirror, stool with claw feet 814-793-2428.

M-3 Hammond Organ, $500. 304-267-8887 Before 7:30 AM.

Upright piano, solid mahogany refinished and refurbished, excellent condition, circa 1920, $320. 215-255-4081 after 6 pm

30 Percent Discount Sale on Cast Iron Furnace Doors and Butcher Kettles. We have several 26" kettles, mint condition. Heavy duty Wood Stove 896 6 miles South of Strasburg to Georgetown ¼ mile West on Furnace Rd., 15 mi. South of Lancaster. Jacob E. Fisher, R.D.3, Box 106, Furnace Rd., Lancaster, Pa. 17566.

32 MISCELLANEOUS

4 Drawer Filing Cabinets: 3 at $50 each and 1 for $40. 215-542-7980 or 215-646-9057.

42" Bottcher and Gessner Drum Sander, Drill Presses, Angle Iron, Sheet Metal. Edward's Trading Post, Rt. 46, Great Meadows. NJ. 201-637-4663.

Electric Yale crane truck K42 SH-6-7-78 maximum capacity, 6,000 lbs. $2,500. 215-542-7980. 215-646-9057.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169.

For Sale: Nylon Tow Straps. 2" wide, 3" wide, 4" wide. Any length. Daniel S. Esh, 3746 E. Newport Rd., Gordonville, Pa. 17529.

NOTICE - Will do any kind of hauling to Western and Upstate Pa. Also New York. From Lancaster and surrounding areas. 717-392-6121 evenings

Pole Buildings 24'x40' completely erected $3,975.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 8 00 a.m. - 7:00 p.m.

Blackboards 4'x6'x3 $25.00 each. Used Toilet bowls, large and small $15.00 each. Wooden doors with hardware - (5) 32"x80"x1-3/8" solid (6) 36"x84"x1-3/8 solid, 5 with window. Call 215-699-8257 6-8 a.m., after 4 p.m.

East Safe, double door, 60" high, 28 deep, 37½ wide, good condition, $375 or best offer. 215-542-7980 or 215-646-9057.

Christmas Toys. Luck Bear or Panda $7.75, Magic Mike Robot $11.00, Police Patrol Car $8.50, Super Buggy $3.50, Robot Watch $4.75 Batteries not included. Add $1.00 for insurance. Andrew Anderson, 74 Saint Josephs Ave., Staten Island, N.Y. 10302 212-981-7734

27 PETS

Australian Stock dogs (Blue Heelers), Registered, Born 11/1/84 excellent cattle dogs and family dogs. 717-359-4862.

Australian Blue Heeler Pups, (Cattle) nine weeks old. Worm but no shots, stocky built pups from good parents, $50 each. 2 Female, 4 Male. 201-496-4302.

For Sale: Jack Russell Den Terrier pups 3 females, 8 weeks old. Good hunting stock. $125. each. Martinsburg, Pa. (Blair County) 814-793-3303.

PUPS WANTED-I will buy your unsold Christmas puppies December 26. I will be in the Kirkwood area, 1 PM; Georgetown, 1:30 PM; New Holland, 2 PM; Manheim areT, 3 PM. If you have pups to sell, contact JoJo for details. 609-452-8903.

Registered Boarder Collies, proven working dogs. 6, 12 and 14 week old Puppies for sale, already starting to work. Starter dogs Trained dogs. 717-285-5338

TYGMY GOATS-Great Pets. Clean, easy, leashable. Good with all animals. 215-646-7992.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

WANTED-Puppies for pets. AKC purebred mixed litters. 717-442-4259.

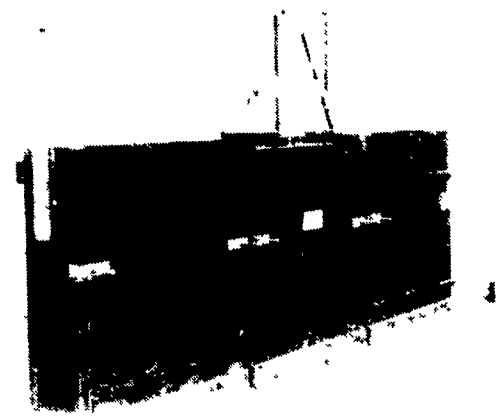
WANTED TO BUY-Pomeranian dogs, male, female, six months and older, must be registered. Risse Zerby, RD 2, Box 204, Howard, PA 16841. 814-383-2369.

30 COMPUTERS

Try Before You Buy. Working Software Demos. Available. Farm Software Services, Bernville, PA. 215-926-3167.

32 MISCELLANEOUS

MARYLAND TOBACCO



"The Art of Baling Becomes A Reality" over the course of history. Maryland tobacco has found its way to market in a variety of forms. From barrels to burlap sheets, to tied leaves. Now, a new method has been designed which makes packed tobacco more manageable

A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs These can easily be stacked or stored.

The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tabacco to be processed in less time

For more information and details on these new tobacco press units - Call LANCASTER SILO CO INC We have units in stock for sale

Bale Unit Only $295.00
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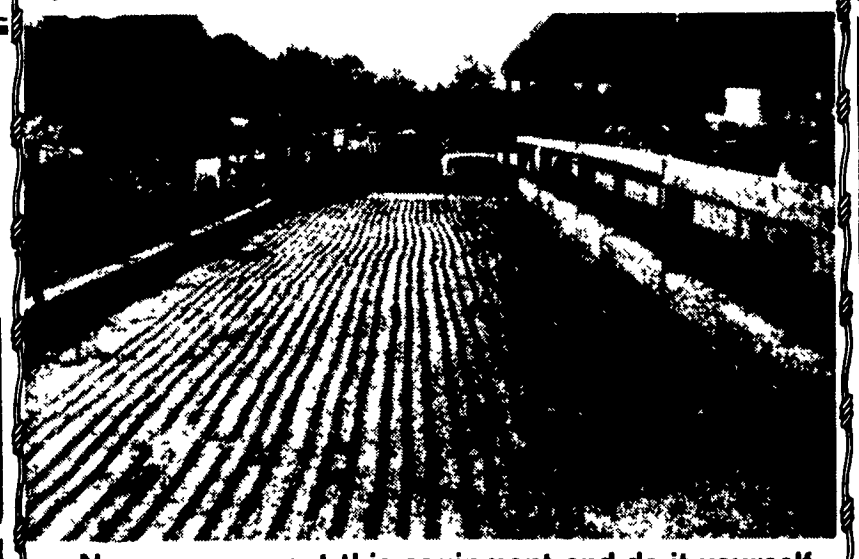

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35 TRUCKS AND TRAILERS

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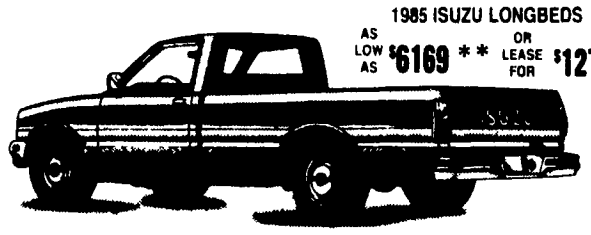

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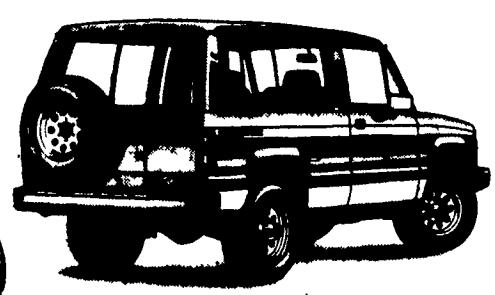

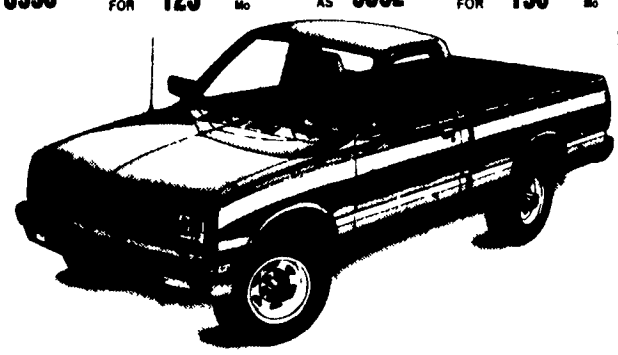

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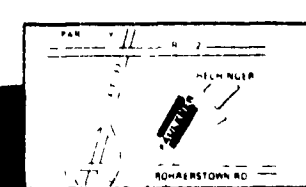

35 TRUCKS AND TRAILERS

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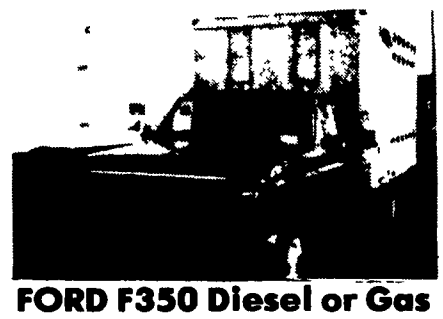

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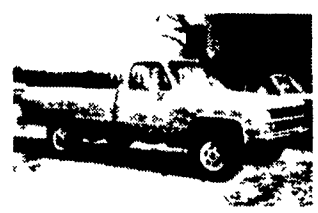
1984 Ford F250 Hd. ¾ ton 4x4 351 4-speed PS, PB Lock Out Hubs, AM FM, Sliding Rear Window 8600 GVW 10,000 miles, Like New **$10,500**



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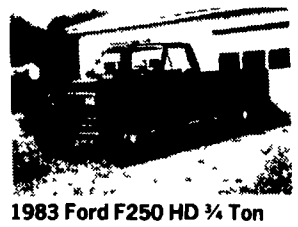
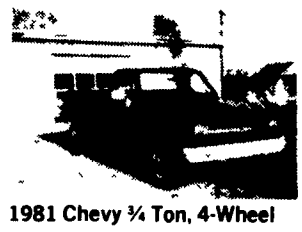


1983 Ford F250 HD ¾ Ton Pickup 300 6-Cyl., HD 4-Speed, PS, PB, Dual Tanks Radial Tires 8600 GVW. Reg. Gas **$7400.00**



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322 acre Northeast Missouri Farm, 280 tillable $1.00/acre taxes. Attractive, Assumable mortgage. $335,000. Lancaster Farming, P.O. Box 366, R-24, Lititz, PA 17543.

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67 acre farm, approximately 60 acres tillable, four bedroom house, barn, sheds, silo, pond. Will help finance. For more information call. Robesonia 215-693-5624. Berks, Co., Pa.

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General engine, 12 ton tag along trailer. $2,500. Bucks Co. 215-297-8354.

JD Loader 544A, new engine with full cab. $18,000. 304-735-5273.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871.

Wanted: 1962 to 1966 Ford H model truck tractor with little or no rust, prefer diesel and tandem. Ron Coover, Shippensburg, Pa. Phone 717-532-6540.

1957 Chevrolet 34 ton, step side pickup. Completely restored to original condition. Best offer. Glick 2 horse thoroughbred, w/drop ramp, electric brakes, $1500. 201-728-8216 evenings

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NYS, 700 acre farm, level, relatively stone free. West of Rochester 50 miles, on the shore of Lake Ontario. Grain dryer, 3 large silos, nice house with inground pool. $375,000. There are barns but not dairy. Contact Willard Pengelly, Managing Broker, 716-494-1880, Harris Wilcox Inc., Broker.

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Sale by owner: 75.9 Acre farm in York Co., Pa. Bank barn, garage, two story house, productive ground, woods, pasture, stream, walnut trees, 1900 ft. highway frontage, excellent view. For appointment call 717-854-6884.

SNYDER CO. OWNER OFFERED-125 acres, 50 tillable, 35 timer, working farm. Extensive creek and road frontage. Includes farm house, barn, and isolated hunting cabin. Could be sub-divided. 45 min. SE of State College. $1,300/acre. Donald Hartley. 216-354-0244 after 6 PM.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency, 814-447-5511.

WANTED-Approx. 100 secluded acres in Bernville area. Please send all particulars to Lancaster Farming, P.O. Box 366, L-42, Lititz, PA 17543.

YORK CO.: 160 Acres, mostly planted to apple trees in full production. Various other fruit trees. Well maintained property in 2 separate tracts. Much road frontage with subdivision possibilities. 3-bedroom farmhouse, 2 large barns, 1 equipped w/grading and packing line. 37'x74' cold storage. $300,000. May be purchased in smaller parcels. Call today for more information. 717-225-3643. ANCHOR REALTY, RD 4, Box 4310, Spring Grove, PA 17362.

100 Acre East Donegal farm. 88 Tillable, 10 acres pasture, good limestone soil. 2 Silos, 2 corn cribs, bank barn with over 40 stanchions, tobacco barn, stone farm house and tenant house plus more. Priced at $425,000. Call 717-393-0646, Realtor.

240± limestone acres in Cumberland Valley. 200 tillable, 96 cow free stall barn, milking parlor, liquid manure storage, large bank barn and double farm house. 717-532-4347 after 6 PM.

FOR SALE-107 A. 60 cow tie stall dairy barn w/maturnity pens. 1,000 Gal. Meuller Tank; 2½" s/s pipeline; 6 Boumatic units. 40x80x10 manure storage w/pump; 40x112 Loafing barn w/58 free stalls w/60' bunk; 2 Fickes silos16x60, 18x62 w/unloaders. 2 Story 4 bedroom house w/oil heat, completely insulated. All of above has been completely remodeled orbuilt in last 12 years. Owner Financing. Juniata Co. 717-527-4474.

A fine Southern Pa. estate comprising 286 acres, gracious Victorian style residence, historic registered and famous Round Barn with orchards, 8 miles west of Gettysburg just off US Rt. 30. Situated on the hillside of 170 acres, 5 varieties of fruits are produced. The lower 111 acres utilized for field crops. Property could easily support horses. Barn was designed with 12 stalls for horses and 25 for cattle. The house is all country right down to the outside dinner bell. A 3 story home with 6 bedrooms with closets plus 2 extra rooms on the 3rd floor. Interior trim is natural oak throughout. Potential exists for restaurant, farmers market, bed in breakfast or all three. Only qualified and serious prospects apply please. Price $550,000. Please call Cliff Germano at Randall B. Inskip Real Estate, Inc. Better Homes & Gardens, 717-334-7675

FARM FOR SALE BY OWNER-325 acres can be used for beef, dairy or cash crop farm. Located in Northern New York. 10 room house with new coal or wood furnace. Owner financed with liberal payments. 315-649-5295.

Farmland For Sale: 500 acres of prime farmland, 200 acres tillable ground, 300 acres wood lot. Located Northern part of Maine. For more information call 207-365-4205 Mr. Gardiner.

FOR SALE: Trade or Lease South Mississippi Dairy, 300 acres, modern parlor, free stalls, silos and barns. Large 21 room old remodeled plantation home, old mule barns and servent quarters still on farm. Mild climate, year around pasture. Call 601-785-2238. Taylorsville, Mississippi

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190 acres, 150 tillable of limestone land, large barn, modernized home.

100 acres open land w/70 acres tillable, near Gettysburg.

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Other Farms

Van Cleve Real Estate
Phone: 717-392-3032
anytime

For Sale: Dairy Farm, 284 acres, 160 tillable, large barn, 64 tie stalls, machine sheds, 2 farm houses. Write Jacob Esh, R.D.1, Trout Run, Pa. 17771. Lycoming Co.

Somerset County, PA For Sale

Dairy farm complex, 2 miles southwest of Somerset 107 cow free stall barn 80x165, heifer barn 30x108, Machine shed 40x60, 1,800 ton maintenance free concrete trench plus brick ranch style home with attached 2 car garage Buildings of new type construction on 46 acres of prime developing land All for $276,000 Also milk store for lease and 400 acres of land for sale or rent Phone 814-445-2227 or 814-445-6841

House and barn on 98 acres (82 acres cropland, 15 acres pasture and woods) Excellent for small beef herd or sheep Secluded property reached by private lane Borders Trough Creek Good turkey and deer hunting 15 minutes to Raystown Lake $79,500

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Or Write:
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FOR SALE-80 acre farm 1922 Quarry Rd., Lebanon, PA. Good barn and implement shed, large corn crib, ground in high state of cultivation. Modern 2 story house, 5 bedrooms. Call Owner at 717-867-2053.

Wanted
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Dairy Farms - 106 acre. 90 tillable, 52 stanchions, silo and unloader, barn cleaner, loafing barn and machine sheds Beautiful 4 bedroom house, $220,000 Lock, stock and barrel can be bought Also large dairy farm, 160 acres tillable

10 Acre Farmette, Juniata Co

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36 REAL ESTATE

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192 acre operating dairy w/110 tillable fertile acres 60 cow tie stalls on pipeline, tank & barn cleaner, 3 silo's with unloaders, and a lovely 3 bedroom house Under $200,000 Call Dave

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191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

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Modernized Stone Farm House with Large Bank Barn with Attached Tobacco Shed, Corn Barn on 62 Acres of Excellent Farmland This One Is Ideal For an Executive Horse Farm, Hog Farm or whatever you wish Manheim area

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SNYDER COUNTY
Drastically reduced 101 acre dairy west of Middleburg, 4 bedroom house with 1½ baths, dairy barn with 29 tie stalls but could expand, 2 silos & out bldgs, now $1,600 per acre SPRING POSSESSION

TIOGA COUNTY
98 acre dairy with 58 tie stalls, 1000 gal bulk tank, pipeline, barn cleaner & unloaders in the silo's and 4 bedroom house Land Lease is available Call Dave & Laura at (717) 744 2587
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Modern free stall dairy operation on 70 acres of prime farm land with 150 rented from a nearby farm that can be purchased Mifflinburg area Call today for all the details It's priced right CALL SANDY LEAMAN 569-4264

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For additional information or list of available farms please contact:
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186 acre general farm, 150 acres crop land, mostly level to rolling productive murrill & duffield soil, large bank barn, wire cribs metal grain storage w/fan, silo DWELLING is in need of repair Frontage along Yellwo Breeches Creek & ap proximately 8,000 feet along 2 township roads Located SW of Carlisle

165 acre dairy, double 4 Herringbone parlor pipeline milkers Mojonnier tank 99 free stalls (2) 20x60 concrete stave silos w/unloaders pole barns for implements, road frontage Modern 3 bedroom dwelling, large family room w/fireplace attached 2 car garage

72 acre general, pole barn 4 bedroom brick dwelling nice road frontage

156 Acres Modern Dairy, new dairy unit with double 6 parlor, 6 milking units, 1500 gal tank, 108 free stalls, lagoon (year storage) 3 silos, 2 floor bank barn with 48 tie stalls, 4 bedroom dwelling, beautiful view of valley 14x70 mobile home on lot with well and septic additional

158 Acre General ...oil, 110 crop acres, large stone ba... ...y mountain, stone and frame dwell... ...eam Owner Financing SOLD

38 Acre Farmette, 20 crop acres, 36 tie stalls, 40x80 pole shed, 40x72 heifer building w/lagoon, insulated workshop, 4-bedroom, frame dwelling, pond & road frontage

FRANKLIN CO.

100 Acres M/L, 70 crop land 30 wooded with stream No buildings, 3000 ft road frontage $1,600 per acre

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25 acre farmette, modern brick house, bank barn. Call Mr. Niesley.

18 acrs. woodland, $17,500/Mr. Niesley.

JUNIATA COUNTY

186 acre executive's paradise, 10 room ultra-modern house, bank barn, greenhouse, potential for private air strip, 3 ponds, 1 mile creek frontage, secluded. Call Mr. Crawford.

FRANKLIN COUNTY

220 acre limestone beef and fruit. 80 acres marketable timber, beef feeding barn & silo for 100 hd., modern 2 story house with character, tenant house, stream. Call Mr. Niesley.

150 acre dairy, 50 free stalls, milking stable w/DeLaval pipeline (4 units), 20x60 silo, 2 story log and brick 5-bedroom house. Call Mr. Niesley.

MIFFLIN COUNTY

90 acre dairy, 60 freestalls, liquid manure, 2 silos, large implement shed, modern frame house. Call Mr. Crawford.

PERRY COUNTY

3.42 acre building lot w/septic permit $12,500. Call Mr. Bitting.

47 acre farmette w/restored Circa. 1827 stone house, 3 working fireplaces, tennis court, 2 car garage, bank barn, silo & other buildings. Call Mr Orris.

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70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback Call Mr. Niesley.

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Lykens Valley, 100 acres, dairy barn, new tobacco barn, 90 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% Interest Low Down. $200,000. Call Peter.

110 acre farm prime land, large home, 90 tillable, large bank barn, owner wants to sell, make offer. $179,000. Call Peter.

Lykens Valley 90 acres, 85 nice level tillable, 3 bedroom home, barn, $225,000. Owner financing. Call Ralph.

Danville-140 acres, 85 tillable, house, large barn for beef. $159,000. Call Peter.

Executive Farm 118 acres, 100 acres tillable $289,000. Call Peter.

63 acres, 50 tillable, 42,000 bushel grain bins, elevator & dryer, $165,000. Call Peter.

60 acre farm, $79,000. Call Peter.

400 acre, 600 acre, 400 acre farms. Call Peter.

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New Listing, Lancaster Co. Warwick Twp
54 Acres 2½ story 4 bedroom brick and frame dwelling 2 44x500 broiler houses (Weaver Poultry Contract), frame bank barn for 200 head of cattle 24x80 Star Silo w/100 ft bunk feeder 200 head hog finishing barn 42x96 steel sided implement shed and shop Tobacco shed 4 - wire 1600 bus corn cribs Spring and pond One of the areas finest and well kept properties - reduced

85 Acre Dairy 2 story stone dwelling 5 bedrooms and bath 40 Dairy Barn with 40 Comfort Stalls stream and meadow

LEBANON COUNTY

18 Acre Limestone Farmette, large frame bank barn, 4 bedroom dwelling, Tulephocken creek borders property Just right for the horse lover Price reduced

North Annville Twp
2½ acres consisting of large frame bank barn hog finishing barn for 400 head 7200 bus grain storage w/LP Dryer and Grinder Mix Mill 2 story 4 BR Log Dwelling

150 Acre Dairy 2½ story brick dwelling modern conveniences 5 BR 1½ baths 80 cow capacity milk parlor with 6 stall Herringbone

DAUPHIN COUNTY

326 acre Dairy and Poultry farm 37 tie stalls 90 free stalls heifer barn 4 unit DeLaval Pipeline Milker 660 gallon bulk tank Farm Way Barn Cleaner manure pit, 5 Harvestore Silos Cage Layer House 60,000 bird capacity egg packing room, cooling room shower and bath Call for more details

CUMBERLAND COUNTY

188 Acre General Farm Large 2½ story frame dwelling 4 bedrooms modern conveniences in good condition Large frame bank barn with new roof with almost 2 miles of road frontage with city water

175 acre Dairy dairy barn 70 milk cow capacity with loafing area 2½ story dwelling with modern conveniences road frontage city sewer and water

PERRY COUNTY

134 acre dairy 30 tie stalls bulk tank barn cleaner 14x40 silo with unloader machinery shed corn barns beautiful 6 BR dwelling Priced to sell

568 Acre General Farm 3 sets of buildings 2 stone dwellings and 1 frame dwelling all the dwellings have bath and central heat 3 Bank Barns One grain bin and grain dryer in good condition stream road frontage easy to divide into 3 farms

YORK COUNTY

225 Acre Dairy Farm Dairy Barn with 149 Comfort stalls 2 barn cleaners and pipeline bulk milk tank 2 Harvestore Silos 1 large Trench silo Large like new modern heifer shed (Free Stall) 1 large 6 bedroom farm house in good condition One stone 3 bedroom tenant dwelling with modern conveniences, 5 mobile homes with 3 septic tanks, 1 drilled well with 2 extra spaces for rent Reduced

MONTOUR COUNTY

157 acre Dairy 2½ story frame dwelling 4 bedrooms with bath 34 Comfort Stalls 135 Acres tillable 15 acres meadow 15 acres woodland

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For Sale -

2 adjoining farms, very productive soil, spring-fed water supply Two good sets of buildings Large brick house circa 1800, easily accessible from Rt 83 Will finance 70% Possible trade on good house barn and few acres John Strawbridge, Stewartstown, **301-966-2022**

MOHAWK VALLEY FARMS FOR SALE

200 acres heifer or beef farm, 2 barns, garage, 7 room - 3 bedroom home, 1 million gallon pond, 20 acre gravel pit, $79,000. Owner will finance with $40,000 down.

234 acre dairy farm, 175 tillable honeoye acres. Comes with 98 head of cattle, excellent barn, full line of machinery, 7 room - 3 bedroom home with fireplace, modern kitchen. $275,000.

67 acres mainly all wooded with almost new 20x32', fully insulated, 2 story home. Semi- secluded. Would make excellent hunting lodge. $43,000 or permanent home. Owner will finance with $20,000 down.

Tavern/Bar and Restaurant. 4 room upstairs apartment on 4½ acres on highly traveled road. $45,000. Owner will finance $20,000 down.

25 acre apple orchard. Beautiful 4 bedroom Colonial home. Modern kitchen, 2 fireplaces, barn and cider making equipment. $89,000

Many more farms and businesses. Call for details.

United Farm Real Estate
Kingdom Rd., Mohawk, NY 13407
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LIMESTONE 70 ACRE
WEST LAMPETER TWP. LANC. CO.
Operating dairy farm, 60 free stalls, 30 comfort stalls, pipeline DeLaval system, 18'x60', 20'x60' silos with unloaders, Patz feeder, very good buildings, Colonial brick home, 4 bedrooms. Modern kitchen, road frontage, Call for details.

CENTRAL PA.
ATTRACTIVE ASSUMABLE MORTGAGE
Operating dairy farm, 296 acres, 105 tillable acres of Limestone & silty loam soil, 50 modern tie stalls, 800 gal. tank, pipe line, modern dairy set up, 18'x70' silo w/unloader, modern 3 bedroom house with new kitchen, plus tenant house. Approx. $220,000 of assumable mtgs. Price $275,000.

SEE WHAT $60,000 BUYS
Holiday Special!
70 prod acres, mostly till Secluded setting only 5 min to town & I-80

OWNER FINANCING 10% INTEREST
Juniata Co. operating dairy farm. 135 ac., good corn & alfalfa ground, including some good timberland & meadow Hip-roof, barn, show-ease comfort stalls, silo, milk tank, stone 4 bedroom home with oil hw heat. Special Owner Financing. Frontage on Rt 35. Extra land available for rent. Priced to sell for about $1250 per ac. Call for details.

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58 Acre Dairy Farm. Good set of buildings East of Lancaster off Rt. 23. Offered bldgs + 4 acres

60 Acres, 30 tillable, woods, meadow & horse barn. Two-story, four-bedroom home

48 Acres, frontage, creek for irrigation, rolling land Along Rt. 23 West.

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75 Acres, brick home, lovely setting w/pond. Short drive to Baltimore

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814/367-2222

SUB SHOP fully equipped restaurant w/3 BR apartment in Wellsboro, well established business $115,000 (W891)

CAMP & BARN nestled on 3 38 ac , woods, brook, very secluded Use as a homestead, camp or vacation $14,500 (W889)

2 AC. 3 BR modified mobile on full basement near State Land & Park Retire or hunt $29,900 (W874)

LARGE CAMP up to 6 bedrooms, very good condition $25,000 (W869)

CAMP OR HOME with apartment in basement for income & security Next to Pine Creek & State Land $46,900 (W865)

RETIREMENT comfortable home on edge of town Large garden $21,000 (W845)

FARMETTE remodeled farmhouse + nice barn $37,500 (W843)

LOT next to State Land & Park $4,000 (W653)

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FREE LISTS
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FARMETTE 50+ ac , fully remodeled farm house (excellent), barn for workshop + regular barn, ponds, etc $95,000 (W1656)

29.5 ACRES, white birch, pines & mountain laurel + hayland w/extensive views near lake $22,500 (M1655)

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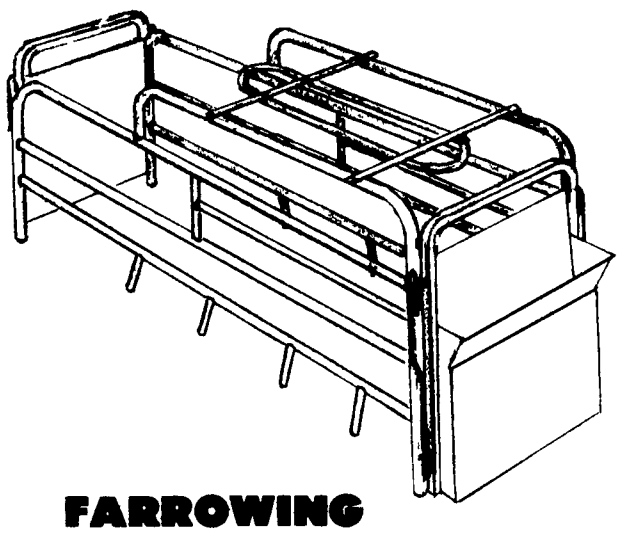

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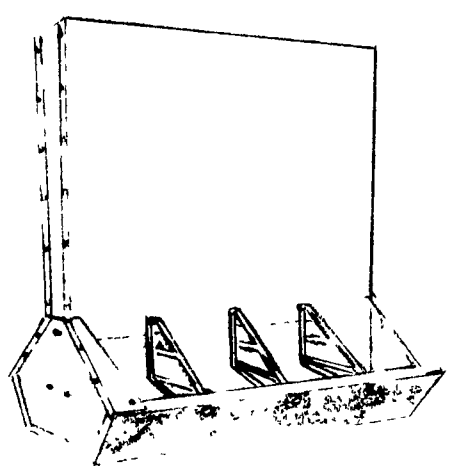
Farrowing Systems
are designed with both the sow and farmer in mind.

Nursery Systems
include pig rearing cages or penning equipment



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reduce stress and the opportunity for fighting

Finishing Systems
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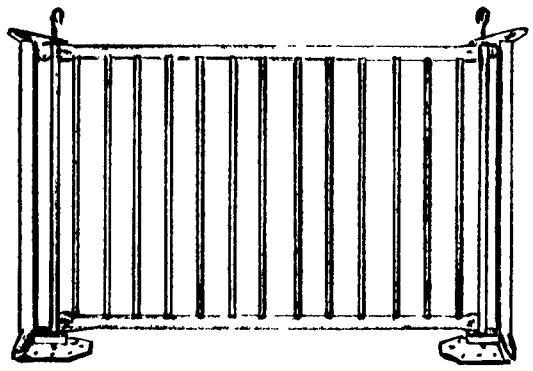

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Piled Lined Insulated Jacket
Features Self collar with framed stitching Man sized wide belt pocket Heavyweight stretch nylon knit cuffs Double insulated with pile lining For those requiring complete cold weather protection Sizes S XL
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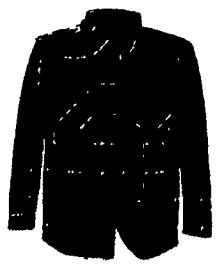

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Color coordinated quilt lining 2 Flap pockets long tail permanent collar stays full cut and banded collar Sizes S M L & XL
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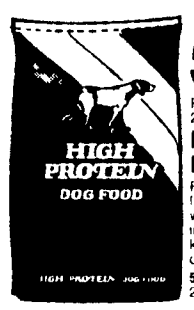

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High Protein Dog Food
For active or hard working dogs 25 lb bag 26% High Protein is fortified with vitamins and minerals supplying all the nutrients necessary to keep your dog in healthy alert condition
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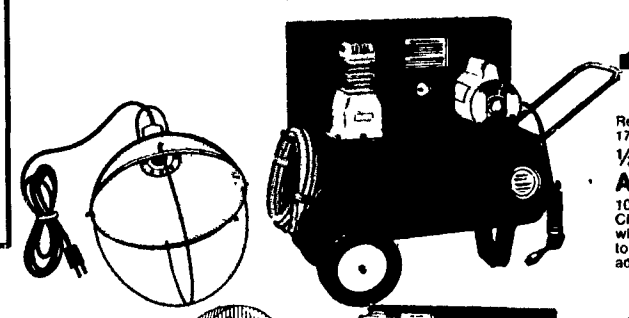

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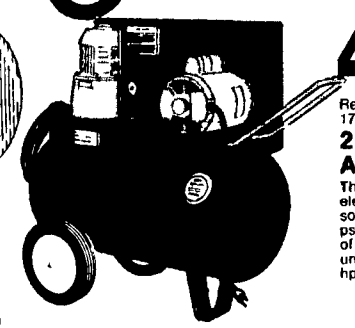
½ Horsepower Air Compressor
10 gallon tank 3.4 CFM displ 2.2 CFM at 40 p.s.i Dial O Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed



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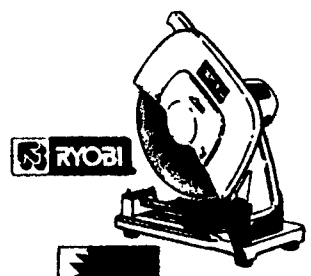
2 Horsepower Air Compressor
This compressor matches a big 2 hp electric motor a big twin compressor with an output of 7.8 c.f.m. at 40 psi and a 22 gallon tank Has many of the features of a big stationary unit yet it is as portable as the ½ hp unit



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14" Portable Cut Off Saw
Powerful 2 Hp motor cuts heavy materials fast Adjustable vise holds materials securely for cuts from 0° to 45° Includes 14 cut off wheel spanner and owners manual

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16 Bar / 28069 098
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Homelite® 330 Chain Saw
Features a 16 or 20 Powertip® guide bar Powerful 3.3 cu in (536cc) engine to power through the toughest jobs Automatic chain oiling Front and rear hand guards Solid state ignition Multi Chamber Softone® muffler provides quiet operation SAFE T TIP® anti kick back device protects you and your saw

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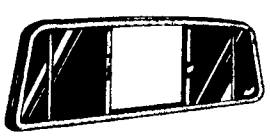
2 Bic Lighters
Lighters have adjustable flame Available in assorted colors The Bic Roller writes smoothly and through carbons



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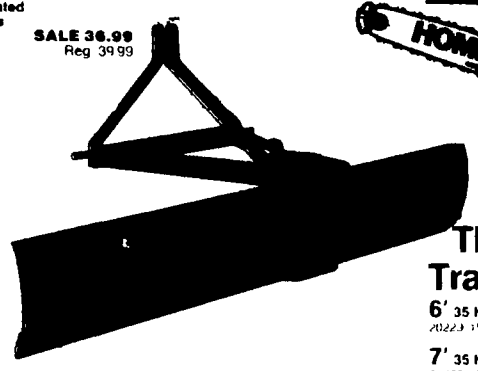
Curved top frame for OEM fit Anodized aluminum frames Metal Center lock Clear only Applications include most popular makes & models



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Dazey Chef's Pot™
Six quart fully immersible cooker fryer deep fries roasts stews steams simmers boils blanches braises and browns Die Cast Aluminum Dazrite® non stick coating Detachable temperature control probe and control probe and cord with settings from 0° OFF to 400°F 1400 watts
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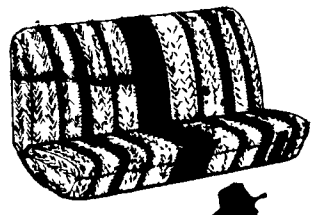

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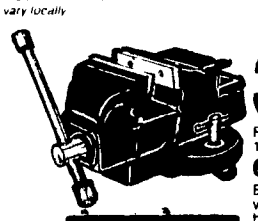

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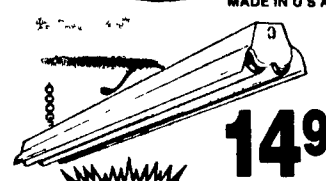
Extra wide base rotates 360° 6 jaw width 7⅞ jaw opening Two swivel base locking nuts assure slip proof grip Chrome steel lead screw for smooth operation 10 year warranty



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8 Fluorescent Bulb for above
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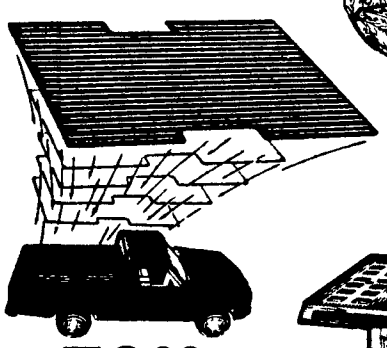

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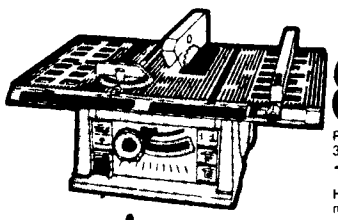

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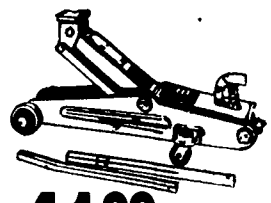

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High carbon steel side plates Oversize front wheels for stability Ball bearing casters for easy positioning
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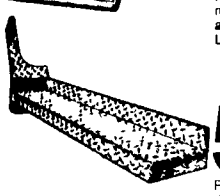

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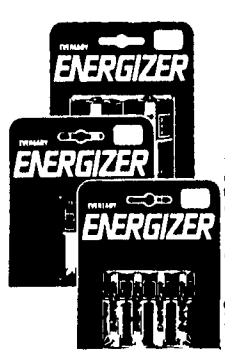

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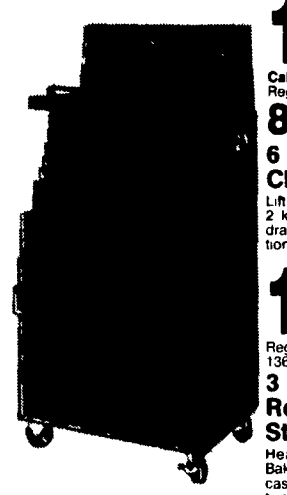

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6 Drawer Chest-Stack-on®
Lift out tote tray Cylinder lock w/ 2 keys Covered panel locks over drawers Heavy duty steel construction Baked on enamel wrinkle finish

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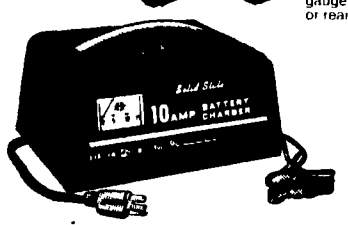
Heavy duty steel construction Baked on enamel wrinkle finish casters 2 swiveling w/toe lock & two nonswiveling wheels Cylinder lock w/2 keys Covered panel locks over drawers 26½" long, 18" deep 31½" high



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Charges 6 and 12 volt batteries Rugged steel case accurate numerical dial ammeter shows exact rate of charge

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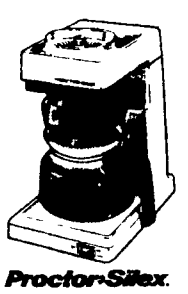

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15.99	Central Tractor's SALE PRICE
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10 Cup Automatic Coffee Maker
Features Hydro Clean® Pump that is designed to significantly reduce cleaning in hard water areas Offer expires Dec 31 1984 For details see coupon in store
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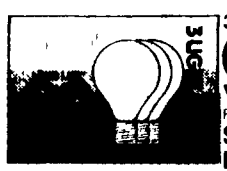

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SAFE-T Light Bulbs

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All items are subject to stock on hand. We reserve the right to limit quantities. Sale ends on above date

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Substation director to retire

GEORGETOWN, Del. – Edward H. Ralph will retire Jan. 1, 1985, from his post as director of the University of Delaware Georgetown substation to become full-time executive secretary of Delmarva Poultry Industry, Inc. He was honored for his many years of service to the university and the Delaware Cooperative Extension Service with a special celebration Nov. 30 at Sussex Central High School in Georgetown.

A graduate of Laurel High School, Ralph earned his bachelor's and master's degrees in horticulture from the University of Delaware.

He joined the university's substation staff in 1957 as a research associate and crops specialist. In 1960 he became associate county extension agricultural agent for Sussex County, holding that position until 1971 when he was promoted to associate extension crops specialist and substation director. Ralph relinquished his extension assignment three years later to become executive secretary of the Delmarva Poultry Industry, Inc., while continuing his duties as substation director.

During his busy career Ralph received many special honors, including the title "Aggie of the Year" (1955) from the College of Agricultural Sciences, and the Distinguished Service Award (1972) from the National Association of County Agricultural Agents. He received the George M. Worrilow Award for Outstanding Service in Agriculture (1974) from the University of Delaware Agricultural Alumni Association, the Outstanding Service Award (1976) from the Peninsual Horticultural Society, the Sussex County Service Club Award (1979), an Outstanding Service Certificate from the Delaware Chamber of Commerce, and Delmarva's Distinguished Citizen Award (1981) from Delmarva Poultry Industry, Inc. In 1979 he was also named Outstanding Citizen of the Year by the Laurel Chamber of Commerce.

Ralph is a long-time member of many fraternal, professional and service organizations, including: Alpha Zeta honorary agricultural society, Omicron Delta Kappa honorary leadership fraternity, Sigma Epsilon Phi extension fraternity, Kappa Alpha social fraternity, and the Delaware Association of County Agricultural Agents. He is a charter member and former officer of the University of Delaware Ag Alumni Association.

He has served area agricultural and business communities as incorporating director and charter member of the Mid-Atlantic Soybean Association, charter member and director of the

Edward H. Ralph

Delaware-Maryland Plant Food and Crop Protection Association, and as a delegate to the Delaware Council of Farm Organizations. He is a member of the Northeastern Weed Science Society, the Delaware State Grange, the Delaware Farm Bureau, the American Institute of Banking, the Railroad Committee of the Delmarva Advisory Council, the State Farm Safety Advisory Committee and the Delaware Council on Poultry Promotion.

Ralph has also served as president of the State Poultry Executive Secretaries Association and director of the Delaware State Chamber of Commerce. His leadership abilities are recognized and appreciated not only by the Delmarva agricultural community, but by people from all walks of life.

Jersey scholarships awarded

The American Jersey Cattle Club has awarded numerous scholarships to Jersey juniors for the 1984-1985 school year.

Kristin M. Benson, New Lebanon Center, N.Y. is the recipient of the $750 Paul Jackson Memorial Scholarship. The daughter of Mr. and Mrs. J. Lawrence Benson, she is enrolled at the State University of New York at Cobleskill. She plans to pursue a bachelor's degree at the Virginia Polytechnic Institute. In 1983, Benson was the New York Jersey Queen and was first alternate in the National Jersey Jug Queen Contest in Louisville, KY.

Martha Lynn Babbitt, Caneada, N.Y., and James R. Clark, Enon Valley, each received a $750 V.L. Peterson Scholarship.

Babbitt is the daughter of Mr. and Mrs. Edward Babbitt. She has completed a two-year course at Alfred State College, Alfred, N.Y. and is enrolled in Cornell University's Pre-Vet Program. She has been active in 4-H and the Niagara Frontier Jersey Cattle Club.

Clark is the son of Mr. and Mrs. Delmar B. Clark. He is an Agricultural Business Management major at Penn State, where he is a College of Agriculture Student Senator to the University Faculty Senate. Clark was in 4-H and FFA for 11 years and helped found the Pennsylvania Junior Jersey Cattle Club.

And a $650 William A. Russell Scholarship was awarded this year to Scott F. Huvler, Fredericktown, Ohio.

Huvler is the son of Mr. and Mrs. Eugene Huvler. He is a freshman Dairy Science Student at Ohio State University. His FFA work has earned him the State Farmer, Star Chapter Farmer, Outstanding Junior and Star Green Hand Awards.

The funds to make these and other scholarships available were donated by Jersey breeders nationwide to honor the memory of former Jersey leaders. The recipients were honored at the All American Junior Banquet and Fun Fest in Louisville, on November 3.

Outlook sessions conducted

WASHINGTON, D.C. – Christopher "Kit" Bond, governor of Missouri, was the featured speaker at the U.S. Department of Agriculture's 61st annual Agricultural Outlook Conference. Bond opened the second session on rural development on Wednesday, in the Department of Commerce Auditorium 14th St. and Constitution Ave., Washington, D.C.

Bond spoke on the growing role for state and local government. He addressed the capacity of governments to take on this role, the decision-making process and the role of modern techology in rural communities.

A creative authority on the practical aspects of initiating and sustaining rural economic growth, Bond also addressed the international rural development conference sponsored by the Organisation for Economic Cooperation and Development last spring.

In addition to rural development issues, Outlook '85 examined prospects for the 1985 Farm Bill, as well as economic, agricultural and foreign trade issues.

Nearly 1,400 people contributed to last year's Agricultural Outlook Conference during its 36 sessions.

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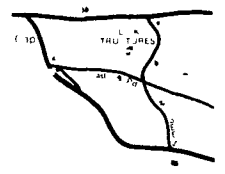

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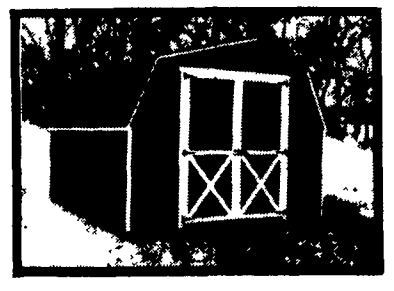

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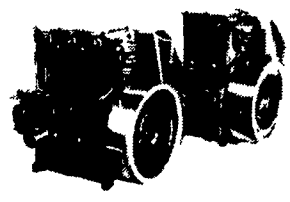

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Farm Talk

by

Jerry Webb

There are few professions that require more skills than farming. A successful farmer must not only be good at growing crops and livestock, but must also be a mechnic, a carpenter, a bookkeeper, a tax expert, a commodity specialist, a personnel manager, a real estate appraiser, and a financial consultant. To that long list might also be added legal expert because increasingly farmers are getting involved in problems that require at least some legal knowledge. And it's a specialized area – one that the average corporation or trail lawyer may not understand.

Nationally, there is a growing number of lawyers who deal with farm-related problems and certinly there is a growing market for their services. It seems every time you read a farm magazine or an agricultural newspaper, there's a story about a farmer somewhere involved in a peculiar legal battle. Usually it centers around the problem of liability, or responsibility if you prefer a simpler term. In this time of environmental concern, farmers are being taken to task for many of the practices that have been followed in agricultural areas for generations. And courts are finding the farmers liable for misuse of agricultural chemicals, for odor problems, for creating hazardous conditions, and for other sins against society.

In the good old days, a farmer could till his ground and raise his livestock and be pretty much left alone by his city cousins. But the spread of the nonfarm population out into the countryside has created conflict that has resulted in legal action. And now farmers must worry about their dust, their odors, their fertilizers, and the manners of their livestock. They must be concerned about the liability created by a mean bull, a biting dog, a manure lagoon, and the quality of the air and water surrounding that agricultural enterprise.

With today's sophisticated detection equipment, unsympathetic neighbors are accusing and winning battles over ground water pollution, fertilizer runoff, chemical drift, and air quality.

There's no question that farmers do create liablous situations with the practices of modern agriculture. The key word in all this seems to be negligence. In legal talk, that's a term that indicates failure to observe ordinary and reasonable care to protect others from injury. If the courts find that a farmer has been negligent, then he's probably going to have to pay. On the other hand, if he used reasonable care, another good legal term then even though some harm may have resulted from an action, or lack of action, the farmer may not have to pay.

The question in most of these cases revolves around those two terms – negligence and reasonable care. Would a reasonable, prudent person foresee a likelihood of danger to others in this particular circumstance? Also crucial, according to one legal advisor, is the element of cause. That is to say a plaintiff suing for property damage must prove that the damages actually resulted from the negligent actions of a farmer or of his agent.

For instance, with the application of chemicals, did the farmer or chemical applicator use defective equipment? Did the farmer apply chemicals too close to the fence line, making it easier for neighboring livestock to reach through and eat the treated plants?

Did the applicator spray on a windy day when particles were likely to drift to the crops of others? Did the farmer fail to give neighboring landowners adequate warning before spraying? And did the aerial applicator fail to cut off the spray equipment when making turns over the crops of others?

If the answer to any of these and other similar ones is yes, then the legal expert says the court could decide that the farmer or the applicator did not exercise reasonable care. Then the court would have to determine whether the likelihood of danger was foreseeable and finally whether the pesticide was actually the cause of the damage. Only then, after determining breach of ordinary care, foreseeability of harm and causation, will a court hold the farmer or his agent liable in negligence.

Here's a problem that often comes up in farm legal battles. What if a farmer hires workers who apply a pesticide negligently, resuilting in damages to a neighboring farm? Is the farmer liable for the negligence of his workers? My legal source says that the general rule states that a farmer may be liable for negligent acts of employees, but not the negligent act of independent contractors. There may be a fine line there, one that would have to be sorted out in court with the liability depending on the interpretation of an employee and an independent contractor.

Basically the courts have said that the difference rests with the amount of control that the employer is entitled to exercise over the worker. If the worker is free to carry out the job without detailed supervision, he might be legally classified as an independent contractor. Most commercial crop dusting operators are in that category.

Workers who are subject ot close and detailed supervision, however, are legally classified as employees. There's a subtle difference that could probably only be determined in court, but in general it points to the necessity of hiring experienced, qualified contractors and providing close supervision to employees involved in such risky farm jobs. It may also be a good idea to carry some liability insurance.

Many farmers would also benefit from a little serious consideration for their neighbors before they start creating these kinds of hazards. In today's society, a smelly livestock operation probably won't be tolerated by rural neighbors. Likewise they won't endure pesticide drift that damages their gardens and kills their bees.

And here's another one to think about. What's to keep the neighbors from suing a farmer because he allows erosion on his farm? The neighbors might build a pretty good case for negligence on the part of the farmer that allows the soil to wash away, polluting the property and water of others. In fact, an elequent lawyer could build a case for the lack of soil stewardship as a form of negligence that could potentially cause all kinds of problems, ranging from contaminated well water to dusty skies.

Tax meeting set Thursday

BLUE BALL — The Eastern Lancater County Adult Farmer Program will conduct a Tax Management Meeting on Thursday evening at 7:30 p.m., at the Blue Ball Elementary School.

Art Weaver, tax account from George a. Weaver, Inc., New Holland, will discuss how the new federal tax law changes for 1984 will effect farm business taxes. Weaver will also review depreciation alternatives, review Form 1099 responsibilities, discuss year-end tax management strategies and answer questions regarding state and federal farm income taxes.

All interested persons are invited. The Blue Ball Elementary School is located on Ewell Rd., between Routes 23 and 322 near Blue Ball. The meeting will be held in the All-purpose Room, just inside the front door. For additional information contact the Adult Farmer office at 354-4525.

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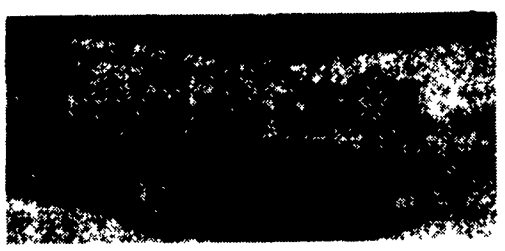

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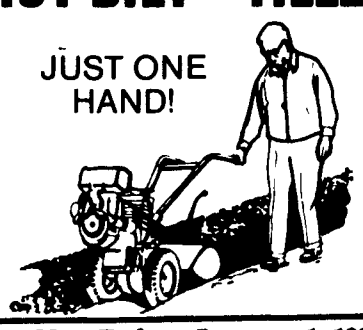

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Central Md. plans forage talks

WESTMINSTER, Md. — Again in 1984 The Carroll County Agriculture Center will host the Central Maryland Forage Conference. This years' conference will be held Wednesday, Dec. 12 in Westminster.

A program featuring various aspects of forage crop production, management and utilization has been planned by the education committee of the Maryland-Delaware Forage Council. The forage council was begun last year to encourage the effective production and use of forages in the Delaware-Maryland area, according to David L. Greene, Extension Agent, Agriculture Science, Carroll County.

This year's conference will feature Jerry Jung, researcher at the USDA Pasture Research Laboratory in Pennsylvania, speaking on "Forage Turnips and Forage Rape for Animal Production in the Northeast." In addition, other topics will include a farmer panel discussing their experiences with round bale silage.

Dale Waldo, USDA researcher at Beltsville, will speak about the "Heating of Forage During Preservation - Damages versus Benefits." Also, the topic of "Problem Forages" (fescue and sudan-grass hybrids) and their affect on livestock will be addressed by Drs. Richard Card DVM of Frederick and Morris Decker, University of Maryland. Following the program - the audience will have an opportunity to "Quiz the Speakers" on any aspect of their presentations.

Greene states that along with the program various commercial exhibits relating to forage production will be available for review. So far more than 20 commercial companies are planning to have exhibits at this years' Central Maryland Forage Conference. These exhibitors cover a wide range of products related to forage production. They include a fencing company, equipment dealers, chemical, lime, seed and fertilizer distributors. Exhibits will open at 8:30 a.m. with coffee and donuts available for the early arrivals. The program will begin at 9:30 a.m.

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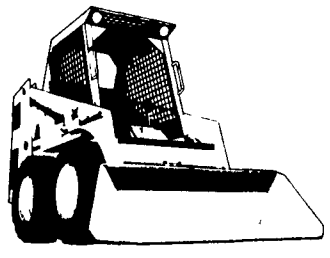

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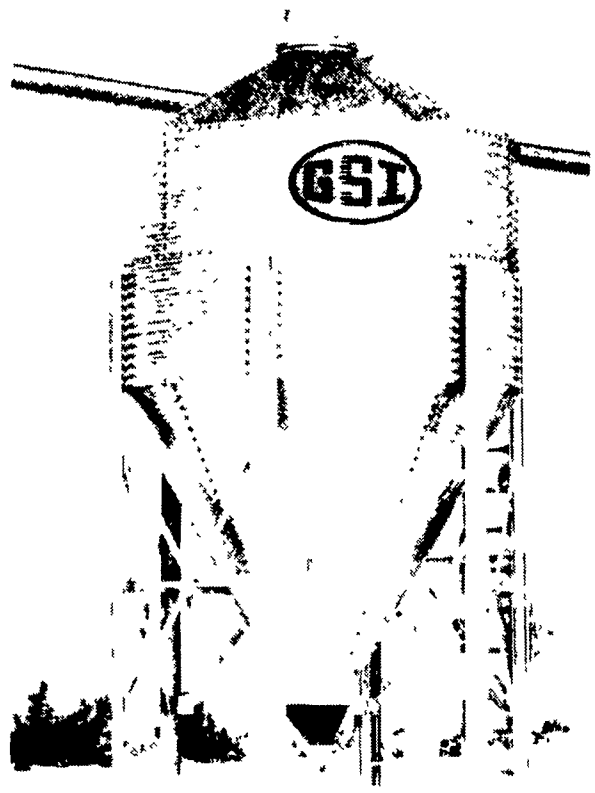

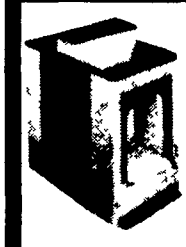

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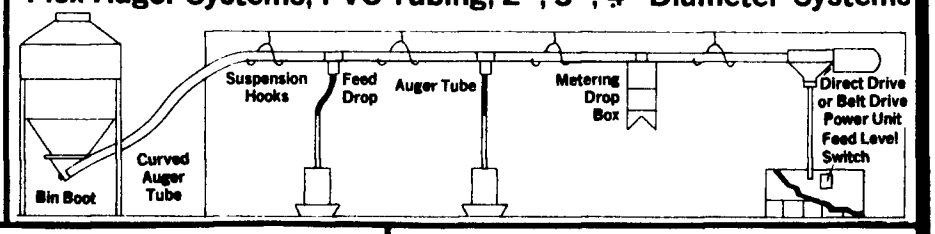

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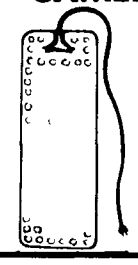

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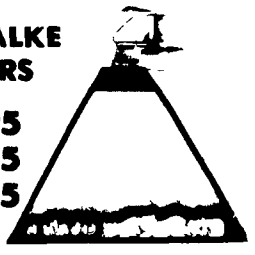

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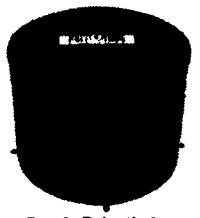

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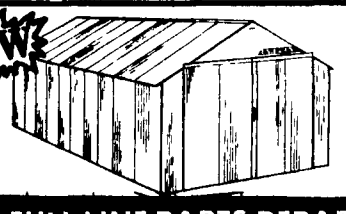

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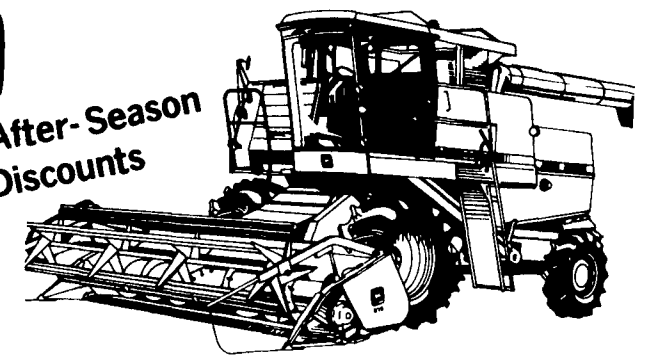

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NEDCO protests Block's possible milk support cuts

SYRACUSE, N.Y. — At a specially called NEDCO Board Meeting, Thursday, Nov. 15, the directors unanimously passed a resolution protesting Secretary John Block's early indications that he will cut the price support by 50 cents in April and probably again in July of 1985. The Milk Diversion Program ends next April.

NEDCO had already issued a news release on Nov. 12, voicing its dismay over Block's premature intentions.

With production down in the northeast order markets five percent compared to last year, and four percent nationally, the diversion plan seems to be doing its job, says President Ed McNamara. "For the past two months alone, government purchases of surplus butter, powder and cheese have been reduced 88 percent from the same period last year. "John Block has been against this type of incentive payment program since NEDCO and the nation's dairy cooperatives attempted to first put it in place last year."

David Arms, NEDCO's Economist, is forecasting that C.C.C. removals will be less than the 6 billion pounds milk equivalent Block is using to trigger in the support cuts. In fact, Arms is predicting removals closer to 5 billion pounds, if sales also increase at least 2 percent in 1985.

Block's release has already created an adverse impact on market prices for cheese, which no doubt will lower Minnesota-Wisconsin prices previously forecasted, says Arms. He added that cheesemakers don't want to get caught in an inventory devaluation squeeze, if it's a foregone conclusion that price supports will be reduced April 1.

Furthermore, Arms, in the same report says, it is quite evident that dairymen are doing their share to cut the budget. So far over $1 billion has been collected through the national milk tax, with half ($500 million) in the 6 months of 1984. Milk Diversion Program payments out since January, amount to $335 million. Tax collections exceed the diversion payments by $165 million ($500 million minus $335 million). However, payments are expected to be greater in the remaining nine months of the program, he said.

In New York, he expects total milk tax collections will be around $55 million in 1984 and payments will be $31 to $32 million.

And, in fiscal 1985-86, Arms predicts that costs of the dairy price support will be reduced to under $1 billion as compared with costs in fiscal 1982-83 of $2.6 billion.

He adds that it also looks like dairy farmer 50 cent tax collections beyond cost for payments under the Diversion Program could cut the remaining budget still more.

It certainly appears as if Secretary Block wants to cut supports regardless of production cuts, he said.

NEDCO, right now, is spearheading efforts on farmers behalf to bring what we believe are the facts concerning the positive effects of the Diversion Program to the public, Congress and administration officials, said Arms.

USDA's "Dairy Market News" market report projections for the coming year tends to give too little emphasis on more recent happening with C.C.C. product removal trends. According to Ed McNamara, producers would be working together now on some sort of program containing a continued incentive to reduce production. Then, if the milk flow looks like it will increase, "we should offer this program on at least a six-month basis," he said.

"Drastic cuts in supports are harsh remedies and unworkable in emergency situations. Over the long run, a dairy specific formula to adjust support levels would be an acceptable and workable solution," said McNamara.

Sheep short course

Sheep producers Donald Hyde, of Shinglehouse, Pa., left, and his wife, Patricia, meet two of the speakers who presented a sheep short course recently at Alfred (NY) State Agricultural and Technical College. Professor Ronald Stutzman of the host college, second from left, discussed pasture management for increased production, while Dr. S. Gordon Campbell of Cornell University discussed flock health. About 80 persons attended the program sponsored by the college's School of Agricultural Technologies.

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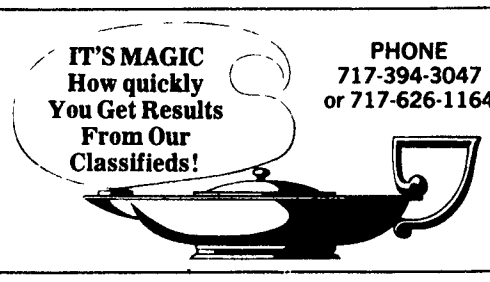

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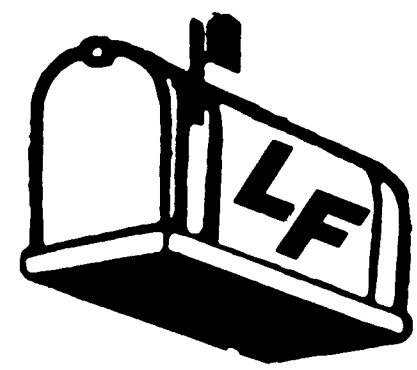

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33-$7.59	34-$7.82	35-$8.05	36-$8.28
37-$8.51	38-$8.74	39-$8.97	40-$9.20

Cornell conducts bull test

ITHACA, N.Y. — A five-month peformance test for 91 bull calves from New York State and adjoining states is now under way at Cornell University.

The "Class of '85" consists of 30 Angus, 10 Charolais, 1 Limousin, 23 Polled Herefords, 6 Red Angus, 1 Salers, 7 Shorthorns, and 13 Simmentals, according to William M. Greene, director of the New York Bull Test Station located at the New York State College of Agriculture and Life Sciences at Cornell.

As the official bull test station for New York State, Cornell annually tests bull calves for their performance in terms of weight per-day-of-age, average daily weight gain, structural soundness, and frame score, among other factors. The test is conducted at Cornell's Animal Science Teaching and Research Center.

Greene says that the testing program offers beef cattle breeders the opportunity to acquire bulls evaluated for genetic and economically important traits under unbiased, uniform conditions.

Under way since Nov. 26, the 1984-85 test will run through April 15, when the bulls will be weighed for the last time. Climaxing the program will be an auction of some of the bulls; the sale is set for May 3 at Cornell.

Initiated in 1979, the bull testing program is sponsored jointly by the New York Cattlemen's Association, the State's Department of Agriculture and Markets, Cornell Cooperative Extension, and the department of animal science in the New York State College of Agriculture and Life Sciences.

Part-time farmer course available

UNIVERSITY PARK—There are as many reasons for farming as there are part-time and small farmers in Pennsylvania.

Some families have jobs in town but prefer to live in the country; some grew up on a farm and desire to return; while some nonfarm families desire to farm because of surplus resources, such as land, labor, or buildings. Other families want to produce some of their own food, selling the surplus to pay for other farm operations.

Whether your reason for farming is surplus time (labor), have money to invest, resources, need tax shelter, you probably need help with some early decision-making.

John E. Brockett, Assistant Professor of Agriculture Economics Extension, at Penn State, has developed a Correspondence Course to help you make some decisions about farming. The course discusses the pros and cons of part-time farming for individual farm families; land, labor, management, capital, and market requirements; and the advantages and disadvantages of 18 livestock and 18 crop enterprises. Lessons on record keeping, tax considerations, budgeting, and insurance needs are geared to the part-time and small farm business.

You can get your personal copy of the course by sending $9.25, including handling, to PART-TIME FARMING, Dept. 5000, University Park, PA 16802. Make check payable to PENN STATE.

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The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

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1 FARM EQUIPMENT

FOR SALE-Sweet corn harvester (fresh market) 2 row SP diesel. 201-946-8885.

FOR SALE-1 Badger 10' liquid manure pump. 717-897-6616 or 897-5470.

FOR SALE-1983 Yanmar tractor Model YM276D, 27 HP diesel, w/Kelley No. 30 backhoe and front end loader, used only 30 hrs. $11,000 negotiable. 304-863-8467 or 304-422-3890.

FOR SALE-1981 JD 4040 Diesel tractor with sound guard body, QR transmission, dual hydraulics, factory turbo, 110 HP, only 2,365 hrs., new condition. 717-532-8601.

For Sale: Myers row crop mist and sprayer, 500 gallon tank, PTO driven fan, hydraulic adjust leuvers, excellent condition. $5,500. or best offer. 215-837-0847.

For Sale NH 518 manure spreader, excellent condition, clean. 717-367-3233.

For Sale: New and used Vent-O-Matic fans and parts; 7½ HP air compressor; Used heat reclaimer; new magnetic MNR to prevent and eliminate scale buildup in pipe fixtures. Columbian cookstove parts. Lancaster County. Paul Heistand, 717-426-3286.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx. 250 bushel capacity. 717-286-6411 or 717-286-0215.

FOR SALE-Custom built 2 row corn planters using Max-Emerge units. Pull type or 3 pt. No-till or conventional. With or without fertilizer attach. Send for brochure to Pequea Planter, RD 2, Box 2276, Gap, PA 17527. Lanc. Co.

FOR SALE- NI manure spreader, 10 years old, good condition, single beater. Lanc. Co. 717-733-0058 after 5 PM.

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Combine, 1964, IH#93, w/10' pickup reel, scourkleen, straw spreader, lights, good condition, $950. 609-586-2869, Trenton, N.J.

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Farmall 706 Diesel, Dual Hydraulics, Fast Hitch, Narrow Front, $4,500. Madey Farms 814-467-8839. Somerset Co.

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AC 6080 tractor, 800 hours w/year round cab, $13,500. Bucks Co., 215-766-7644.

All Steel Buildings, fire safety, 21x24, 30x60 and a 50x120 at dealer cost for show buildings. Reserve price now. Delivery now or in the Spring. Some other specials available only until Dec. 19th. Call Lou at 717-597-3668.

Badger Liquid Tank Spreader, 2,000 gal., $2,500; 2 Gehl bu 810 wagons, roof and 3rd beater, $1,800 a piece; NH 1880 chopper, 3 row corn head, $9,000. 215-933-2223. Chester Co.

Bobcat 631 skid loader, Deutz diesel, low hours, 814-793-4293.

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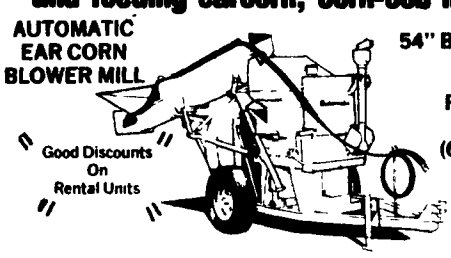
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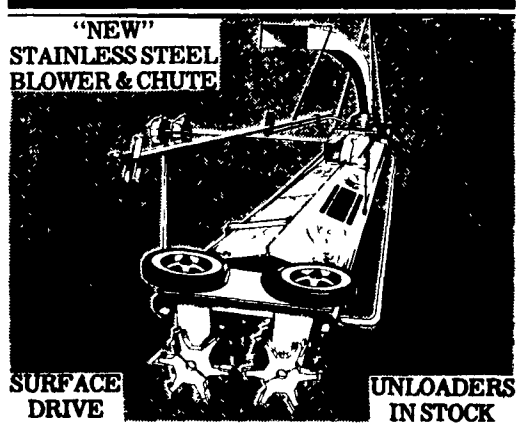
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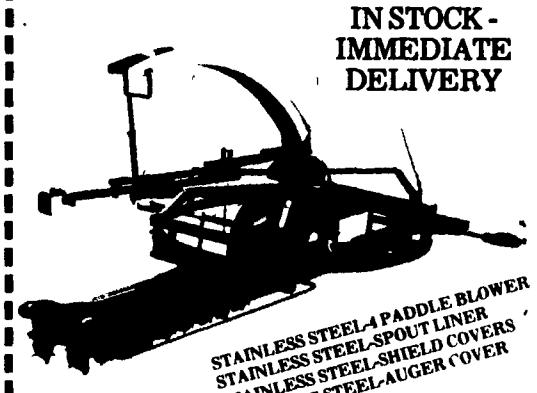
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For Sale: NI 2 row mounted picker #319, front and 12 row rear. Also, sheller, like new. Call after 7 PM, 717-379-3245. Ask for Bob.

For Sale: Oliver 770 Farmall H. IH 4 bottom plow. Oliver 5 bottom plow. Oliver 2 bottom plow. JD KBA 10' transport disk. Fox chopper with one row corn head. Oliver 543 corn head. Oliver 543 corn planter. Steal cow rack for pickup. M.F. unloading wagon. JD 115 unloading wagon. Call 201-362-6027, ask for George.

For Sale: Uni System, 705 diesel power unit, 737 Husking bed, 743 3-row narrow cornhead w/740 fast-tach feeder house, low acreage. Call 814-237-8226 or 238-3240 after 8 p.m. or leave message.

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MF 135 G, PS
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Oliver 770
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NH 1880 SP Forage Harvester w/2 Row Wide 3 Row Narrow Corn Head & Grass PU Head, New Cat Eng. $12,000
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JD 2510 Trac. Dsl., WF, PS . . . $5,300
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Call about our selection of used balers, plows & planters.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884.

Used 12 ton 20' Dorsey trailer. Unit includes fifth wheel dolly and was previously used for hauling sheet rock. Ideal for fertilizer or other heavy loads. 10:00x20 tires, $2,200. 717-328-5520.

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For Sale: JD Loaders, model 48 and model 58. 717-532-7054 or 717-532-8363.

TRADE: Narrow frame 42" Cub Cadet snowblower, I need wide frame. For Sale: parts off F450. Gears, TA, etc. 215-683-3094.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

Rebuilt horse and tractor drawn spreaders for sale. (New Idea) also New and Used parts. Used parts at half price. Will mail if desired. Enoch Brubaker, R.D.1, Liverpool, Pa. 17045.

For Sale: JD 4040 Tractor 1982 model, very nice. 717-532-7054 or 717-532-8363.

SPECIAL DISCOUNTS-Zimmerman 40' Elevator till Dec. 15. D. J. Implements 717-949-3074/703-879-9926.

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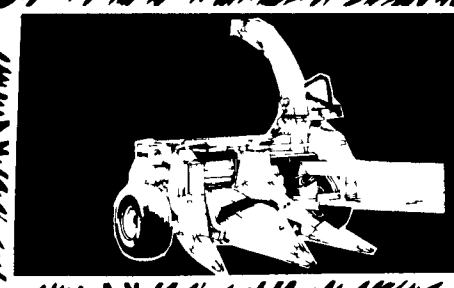
IH 881 H.D. Harvester w/2 Row Corn Head, Grass Head	$15,800
IH 2400 Big Roll Baler, New, Hi Capacity	$7,800



IH 881 Forage Harvester w/Grass Head & Two Row Corn Head Cash No Trade **$12,400**

IH #10 Flail Chopper	$4,950
IH 595 Tandem Manure Spreader, Hyd Endgate, 451 Cubic Ft. Capacity	$7,850
IH 560 Manure Spreader, 255 Bushel Capacity	$5,300
IH 530 Manure Spreader, 145 Bushel Capacity	$3,150
IH 720 5-18 Reset Plow, No Trade Price	$7,300
IH 5100 18x7 Plain Grain Drill, Double Disc, Grass Seed	$4,750
IH 5100 16x7 Plain Grain Drill, Double Disc, Grass Seed	$4,250
IH 5500 7' Hi-Clearance Chisel Plow	$1,700
IH 4500 12' Vibra Shank Field Cultivator	$2,350
Landoll Soil Master, 7' Tillage System	$5,250

Local Grown Used Tractors and Equipment

Waiver Of Finance Available Till 6-1-85 On Some Items

RED HOT SPECIAL
Farmall 656 Gas, 3 pt. Hitch, Dual Remotes, Rebuilt Engine, Good Rubber, Good Appearance
$7,500

David Brown 1200, 65 h p 1 owner low hrs
IH 1256 20 8x38 Tires local Tractor, Clean 116 h p
Int Hydro 84 Tractor, 300 Hrs Sold New in 82
Farmall 504 Gas, Wide Front End
IH H Farmall, 51 Model w Loader
IH 350 Farmall, Diesel, 3 pt Hitch
IH 886 Tractor 38 Rear Tires Very Good $15 500
Fox 3000 Harvester w 2 Row Head
IH 2 Row Cultivator for F230 240
Papec Forage Blower
IH 56 Blower, Late Model
500 Gal Walsh Trailer Boom Sprayer
NH 880 Harvester w Corn Head
JD 54 Manure Spreader w Hyd Endgate
(2) IH 56 4 Row Planters
JD 345 4 16 Semi Mount Plow Hyd Reset Excellent
Tye 80' Pasture Pleaser Drill w fertilizer grass seed gauge whls, seed firming whls 3 yrs old
IH 700 5 16 Semi Mount Auto Reset Plow Can Convert To 4 Bottom, Good Cond
IH 710 3 16 Semi-Mount Auto Reset Plow
IH 37 Baler w Thrower 1 Owner Guar
IH 990 Mower Conditioners 9 Ft Cut
IH 400 6 Row Air Planter No Till Coulters, New Double Disk Openers Insecticide
AC 4 Row Narrow Air Planter No Till Monitor Insecticide Markers
IH 400 4 Row Air Planter No Till Coulters Insecticide

C & W EQUIPMENT, INC.
260 York Road Carlisle, PA 17013
(Next To The Farmers' Market)
Phone: 717-243-4419
We Ship Parts Via UPS Daily

Waiver of finance Subject to Prior IHCC Credit Approval

Ford Tractors Equipment | AMCO NEW IDEA | HESSTON | WHITE FARM EQUIPMENT

USED EQUIPMENT

Ford 1500 4 WD PS
Ford 125 Lawn & Garden Tractor w/mower
Ford 9600 Tractor
Farmall 340 Trac
NI 504 Loader w/hyd bucket control
White 543 4 Row No til Planter
Oliver 535 Combine 12 G H 3 Row C H
IH 56 4R Planter
Amco Terrace Disk
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Ford 2 Row Cultivator
Hesston PT 10 Windrower
Hesston 1014 Windrower
MM 3496 Combine, Cab 2R Head 12 Grain Head
1068 Haybuster No Till Drill (Demo)
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
NI 218 Manure Spreader
Better Bilt 1100 Gal Liquid Spreader
Ford 501 mower

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

SUPER SPECIAL OF THE WEEK

6080 Tractor 2 WD Demo Call for Super Price!

Model 6140, 6070, 6080, 8010, 8030

USED EQUIPMENT

XT-190D with cab
XT-190D without cab
Model 2300 10ft Disc Harrow
7060 PS with cab
Wilbeck 7'shank chisel plow
IH 1300, 7', 3pt. hitch mower, new condition
AC 4 bottom SC plow
Used E-3 330 corn head, excellent condition
AC LKSHY Combine w/630 Corn Head and 13 Ft. Grain Head
Oliver 83H 2 Row Corn Picker
Cagle 750 Gal. Sprayer

SPECIAL SAVINGS ON ARTS-WAY SILAMIX & MILL MIXERS

FALL CLEARANCE ON WOODS MOWERS

B. EQUIP. INC.
8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193

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USED COMBINES

Int. 14 SOLD /700 hrs.
Int. 205 w/2 heads, nice
Int. 125 w/ Grain Head
Int. 715 Diesel w/4 row narrow head, nice
JD 7700 w/2 heads
MF 750 w/grain head
MF 510 w/2 heads

USED TRACTORS

Allis Chalmers WD
Ford TW 10 w/1425 hrs.
Case VAC MM 445 w/Loader
Ferguson 35

USED EQUIPMENT

900 Badger Blower
Int. 3 pt. #5500 Chisel Plow
Huff Pay Loader
NH #518 Manure Spreader
Int. 400 Syclo 4 Row Corn Planter
Ontario Hoe Drill

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader
#100 Grinder Mixer
#2330 Disk Mower Conditioner

Eckroth Bros. Farm Equipment
RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
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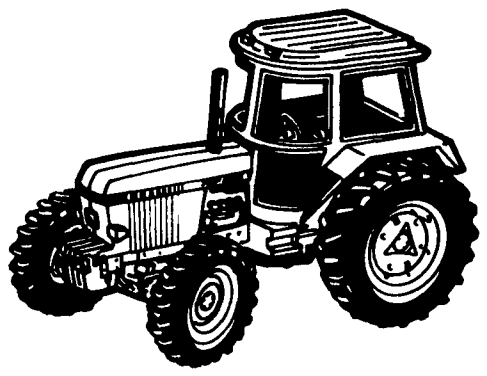

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SO. 5TH ST., EMMAUS, PA. 18049 — 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4840 Cab & Air, Power Shift, 1800 Hrs., 18x42 Radial Duals, Excel.
JD 4230 Dsl., Cab & Air, QR
JD 4430 Cab & Air, Quad Range, 2000 Hrs., 1977 Model, Excel.
JD 4040 Fender Tractor, Power Shift
JD 4430 Cab, Air, Quad Range, 1976 2600 Hrs., Very Nice
JD 4430 Cab & Air, 1 Power Shift, 1 Syncro, Both Very Nice
JD 4630 Cab & Air, Power Shift, FWD, 1977 Model, 20x38 Radial Tires
JD 4630 Dsl., Cab & Air, Quad, Quick Hitch, Very Good
JD 4240 Diesel Cab, Air, Quad, Very Nice
JD 4230 Dsl. QR, Fender Tractor
JD 4020 D, WF, Power Shift
JD 40 SOLD , WF
JD 3010 Dsl. RC, Very Nice
JD 3020 Dsl. WF Syncro Range
JD 3020 Dsl., WF, Side Console
JD 2510 Gas Row Crop
JD 2840 Dsl., WF
JD 2630 Dsl., Very Nice
JD 2440 Dsl., PTO, 38" Rear Rubber, Good Condition
JD 2030 Dsl. w/Direction Reverser
JD 2020 Dsl., Very Nice
JD 730 Diesel, WF, 3 pt. & Fenders
JD 630 3 pt., Very Good
JD 70, PS, w/237 Corn Picker
IH 3788 2x2 Cab & Air, 550 Hrs., Radial Tires, Like New
IH 1066 Dsl., Red Cab & Air, 2600 Hrs., Excel. Cond.
IH 1466 Cab & Air, 540 & 1000 PTO Dsl., WF
IH 966 Dsl., WF
IH 1086 D Cab & Air, 2200 Hrs., Very Nice
IH 1066 Dsl. Cab, Air, Black Stripe
IH 856 Dsl., WF
IH 826 D SOLD , 2,000 Hrs.
IH 784 Dsl. Row Crop, 600 Hrs., Like New
IH 666 Gas, WF, Very Good
IH 806 Dsl., Cab & Air, 18x38 Tires, Very Nice
IH Super A w/Cultivators & Mower
IH 574 Dsl., Very Nice
Case 1690 Cab & Air, Power Steering, 600 Hrs., Like New
Case 970 WF, Dsl.
Case 930 Dsl., WF
IH Super MTA, WF, Power Steering
Ford TW20 Cab, Air, Duals, Like New
Ford 7000 Dsl., Very Nice
Ford 5000 Dsl. 8 Speed w/Loader
Ford 4000 SU 8 Sp. w/Loader
MF 65 Dsl. 3 pt. 38" Tires
MF 2805 SOLD Air, Duals
AC 185 Dsl., WF, Very Nice
AC 200 Cab, WF
Case 1737 Liquid Cooled Skid Loader

PLOWS

JD F145 3x16 Semi Mtd.
JD 2x3 Base 3 pt. Trip
JD 4 & 5 Base Semi Mtd.
JD 1450 6x18
JD 1450 4x18
JD 1450 5x20
IH 720 5x16 Spring Reset
JD 2500 6x18 Spring Reset w/Onland Hitch
IH 710 5x20 Spring Reset
IH 710 5x18 Spring Reset

TILLAGE

Brillion 12' Cultimulcher
JD 16' Field Cultivator
IH Fiber Shank Field Cultivator 18' With Harrow Attach.
Glencoe 12' 3 pt. Field Cultivator
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.

CORN PLANTERS

JD 2 Row 2 Bar Planter
JD 7000 4 Row 30" w/Fert., Monitor, Insect.
JD 7000 6R 30" Monitor, Insect.
JD 1240 Dry Fert., Insect., Plate & Plateless

GRINDER-MIXERS

JD 400, Very Nice
Gehl 100 Hydraulic Drive, Excepti SOLD Nice
Gehl 55, Excellent
JD 750 w/H SOLD Feeder Attach., Excel.

CORN HEADS

AC KL 238
JD 243, 244, 343, 443, 444, 643
IH 843
MF 43 & 63C, 1143

HAY EQUIPMENT

JD 1209 Mower Conditioner
JD 346 Twine Baler w/Thrower, Like New
JD 336 Twine Baler w/Thrower, Excellent
MF 120 T Baler w/Thrower
NH 851 Round Balers, Like New
NH 46 SOLD ine
NH 310 Baler w/Thrower
Fahr 16' Hay Tedder
IH 430 Baler, Very Nice

DISCS

JD 220 Center Fold New Blades 18'
JD BWF Wing Fold Rock Flex
JD 11' RWA
JD AW 12'6", Very Good
Athens 10' Offset
New Bush Hog 1445 Hydraulic Fold 18' Disc w/22" Blades
JD 13' 4000 Double Offset

MISCELLANEOUS EQUIPMENT

Bush Hog 4 Row Stalk Shredder
IH 7x14 Wagon w/Hydraulic Dump
NI 323 1 Row Picker
NI Trailer-Type Fert. Spreader
Bushhog 5' Rotary Mower, 3 pt. New
JD 3RN Forage Head
JD 1710 Mulch Tiller w/Rake, Like New Tillage
Cab to fit JD 4520
JD 3 pt. 6' Flail Mower
20x38-18x37-15.5x38-18x34 Duals
JD 158, 148, 48 Loaders
Cabs for JD 1020 thru 4020
Soybean Chopper to fit MF 510 Combine
IH & Arps 3 pt. Backhoes, Like New, Both Very Nice
Soybean Choppers to Fit JD 3300 & 4400 Combines
JD 4 Row RG & RM Cultivators
IH 50 4 Row Stalk Shredder, Very Good

COMBINES

1980 Gleaner K2, Dsl., Cab & Air, Grain Saver, Flex Grain Tabler & Corn Heads, Like New
IH 1440 Axle Flow, Cab & Air, 1100 Hrs., Very Nice
1977 MF 510 Dsl. Cab & Air, Choice of Heads
1974 JD 7700 Dsl., Turbo Hydro, Field Checked
JD 4400 Gas, Choice of Platforms, Very Sharp
1974 JD 4400 Dsl., Cab & Air, w/1600 Hrs., Excel. Choice of Heads
MF 300 w/Cab, Grain Table, 2R C.H., Very Good, $6,850
IH 715 w/Cab, Very Nice, Choice Of Heads
JD 30 Pull Type, Auger Feed
IH 82 Pull Type, Very Good
IH 820 13' Flex Head, Like New
New JD 213 Flex Head

Financing Available on Above Machines

1 FARM EQUIPMENT

WANTED-Farmall Super C or 200 for parts. 717-629-0403.

USED EQUIPMENT
Fox 3000 Harvester
NI 5 Wheel rake
NH 1495 Haybines
NH #518 Manure Spreader
NI #224 Spreader
NI #245 Spreader
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new

USED TRACTORS
AC 6080
AC 220
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT
18'6" Amco Disc
Bale Queen Hay Wagons
NH Skid Loaders

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD 1, Annville, PA
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JOHN DEERE

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JD 5020 tractor
MOTT MOWER - 48 In.
JD 4400 Combine
JD 105 Combine
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
4440 Tractor w/cab & air
JD 2240 w/145 Loader
18.4x34 M&W Hub Dual
20.8x34 JD Hub Dual
18.4x34 Snap On
24.5x32 Snap On
F145-5 Bottom Plow
JD 820 Diesel Tractor w/Loader
JD 716A 2-Beater Forage Wagon w/1075 Chassis
JD 716 3-Beater w/Roof and 1275 Chassis
JD 7000 4 Row Planter

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
2950 Tractor
4250 Tractor
JD 2350 Tractor

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FOR SALE-1982 4240 diesel, 1260 hrs., SR transmission, SG body, dual hydraulics, in show room condition. 717-532-8601.

FOR SALE-1975 MF 500B track loader with ROP and counter weights, 20 ton machine, priced to sell, $9,500. 717-532-8601.

FOR SALE-1976 JD 4230 Diesel tractor, 4 WD, dual hydraulics, SG body, QR trans., air conditioned, and heat, only 1577 hrs., 18x4x38 tires, in real nice condition. $14,000. 717-532-8601.

FOR SALE-1 Galvanized grain bin, 6-8 tons; semen tank, 24 week, like new. 717-864-3792.

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Brakes - Clutches
Multi Power
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case

Case 1210 Tractor, just overhauled, A1 Shape
705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler — Will take best offer, only 1 yr. old
OMC 540 Stacker
OMC 540 N Mower
10' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/ditioners, tractors, NI 323 corn pickers & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

CORN PICKERS
NI 310 NI 710

TRACTORS
IH 806D WF, Fast Hitch, Dual PTO, Hyd., New Paint
IH 656 WF 3 Pt., Front Wheel Weights
IH 544 SOLD Pt., Hydro
IH 300 Fast Hitch, New TA
IH 3414 w/Loader
IH 340 w/SOLD der
IH 240
Oliver 1850 WF, Dual PTO, Dual Hyd., New Tires
Oliver 1750 WF, Dual Hyd.
Oliver 1800 WF
JD 720 WF, 3 Pt., Hyd.
MF 50
Ford 340 Skid Steer Loader

INDUSTRIAL
IH 150 Crawler Loader
Oliver 55 Backhoe & Loader
MF 304 Backhoe & Loader
JD 440 Dozer

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- 671N Power Unit, Rebuilt, 185 HP
- 471N Power Unit, Rebuilt, 130 HP
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- Used 353 Power Unit, 70 HP
- New D302 Murphy Air Cooled, 2 Cyl., 32 HP

371, 453, 8V71N, 8V71T & 8V92TA
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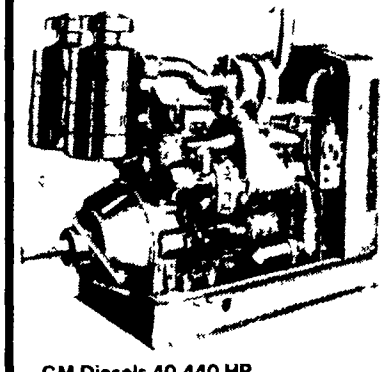

GM Diesels 40-440 HP

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New & Used Parts For Detroit Diesels

DIESEL ENGINE SERVICE
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Ephrata, PA 17522
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AC combine "C" 14' G.H., dual wheels, straw chopper, good working order $2,500 or best offer. 302-368-5334.

AC D17 Diesel, 3 pt., WF, $3,000. D19 Gas, WF, $3,000. Madey Farms. 814-467-8839. Somerset Co.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

FOR SALE-Log Skidding Dolly For use with bull dozer or tractor, equipped with winch. $300. 717-272-8188.

FOR SALE-NI 325 2 row picker, 12 roll husking bed, excellent condition, picked less than 700 acres 717-253-1708.

IH 574 diesel row crop tractor, 16.9x30 rear rubber, front and rear weights, 1800 hours. New heavy duty clutch and pressure plate just installed. $5950.
Model 2250 quick tach loader and cab available for same. Call after 6 p.m., 215-967-1821.

MF Massey Ferguson

TRACTORS & EQUIPMENT

R600 Mack Truck Tractor
MF 30B Tractor w/Loader & Cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
Ford NAA Tractor
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/Thrower
NH 310 Baler
NH 273 Baler w/Thrower
NH 518 Manure Spreader
NH 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 240 Tractor
MF 1030 Tractor 4 WD
MF 1010 Tractor w/218 Mower
MF 20 Turf Tractor
MF 236 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt Rotary Cutter
MF 222 Scraper Blades

S.G. LEWIS & SON, INC.
352 N. Jennersville Rd.
West Grove, PA
215-869-2214

TRIPLE H EQUIPMENT
Peach Bottom, Pa.
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Vicon Vermeer

NEW VERMEER EQUIPMENT
(1) 605H Baler
(2) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 23' Twin Rake
(1) 605 A
(1) 605 D

NEW VICON EQUIPMENT
(3) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(3) KM 240 Mower Conditioner 7' 10"
(3) CM 240 Mower 7' 10"
(2) 16' Tedder
(3) Vicon Square Baler
(2) Double V Rake
(4) Single 4 wheel Rake
(6) 100-500 gal. Sprayers w/elec. & manual controls
(12) 3 pt. Fert. spreaders

USED EQUIPMENT
(1) 256 Bale Buster
(2) RC 300 and 330 Tedder-Rakes
(2) Large Rd. Balers, 1200 and 1500 lbs.
(1) NH 277 Square Baler w/Thrower
(1) NH 283 Square Baler w/Thrower
(1) NH #68 Square Baler, no Thrower
(1) NH 1210 Bale Wagon
(1) NH #260 Rake w/hitch
(1) MF T0 35 Diesel

Swope & Bashore, Inc.

INTERNATIONAL AGRICULTURAL EQUIPMENT
Badger
WOODS Division of Hesston Corporation OREGON, ILLINOIS 61061
bobcat

USED EQUIPMENT

Tractors
Cab for 966 or 1066
Farmall H
Farmall M
Farmall M w/2ME Picker
IH Farmall 656 D Hydro
IH I-544 Gas
IH F460D
IH F826D
IH 234D
F966D, No Cab
IH F966D w/Cab & Duals
JD 1010
JD 2440 w/Loader
Oliver 70

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 450, 3F Plow
IH 531 Plow
IH 560 Plow
IH 550 Plow
IH 2F Trailing
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
AC 2-Way For Model B
Case 4F 16" Plow
JD 5F Hydraulic Reset
Dunham 8 pt. Chisel Plow

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead
IH 810 13-ft. Header
JD 45 w/2 Row Cornhead and 10 Ft. Grain Head

Tillage
IH 8 Ft. Disk
IH 9A Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk
Oliver 36 Disk
Ford 12' Disk
Brillion 16' Cultipacker
Kewanee Culti-Mulcher

Skid Loaders
IH 2001
IH 2350
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Dunham

Cornpickers
IH 234 Snapper Unit

USED EQUIPMENT

Lawn & Garden Tractors
IH Cub 154 Lo Boy w/mower
IH 125 Cadet w/Mower
IH 147 Cadet w/Mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH Cadet Blades
IH Cadet Snow Blowers
IH 60 Riding Mower
Case 80 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
Ford LT75 w/Mower
Wheel Horse 14 H.P
Brinly Disks
Brinly Cultivator
Brinly Plow
Power King 42" Snow Blower

Planters
IH 400 Cyclo 4R
JD 1250 6R
Ontario 14x8 Drill
IH 510 Drill
IH 449 4R
IH 500 6-Row
IH 56 6 Row
Vicon 600 Seeder

Forage Equip.
Dion Model 60 Blower
JD #6 For. Harvester
IH 350 For. Harvester
IH 550 For. Harvester
IH 650 w/2 Heads
IH 830 Harvester
Grove 14' For. Box
IH 56 Blower
Gehl 99 Blower
Badger Blower
NH 23 Blower
AC 7' Mower For Model B
IH 110 Mower
IH 990 Mow. Cond.
IH 420T Baler w/Thrower
IH 430T Baler w/Thrower
IH 47 Baler
AC 303 Baler
NH 90 Bale Stacker
Woods Rotary Mowers
JD 14 Ft Rotary Cutter

Spreaders
NH 679
NH 345 Tank
Hawk Built 187

Miscellaneous
200/300 Gal. Sprayers

- Waiver of Finance Available On Most Used Equip. To Credit Qualified Buyers
- Visa, Master Card, IHCC Financing, Bank Financing.
- We Ship UPS or Mail Daily!

WINTER HOURS
OPEN MONDAY TO FRIDAY
8 AM To 5 PM
SATURDAY 8 AM to Noon

RD 1, Myerstown, Pa
Located 1 Mile S of Int 78 & 6 Miles
N of Myerstown on Rt 645 in Frystown
PHONE 717 933 4138

IN PA — CALL TOLL FREE — 1-800-692-7467

1 FARM EQUIPMENT

White 2-150 cab and air, excellent condition, $10,000 814-793-4293.

IH 2000 front end loader with 17.5 gal per minute pump. No Bucket. Fits B-414, B-275 IH tractors or could be adapted to fit other similar sizes. $1,500 215-367-2933215-369-1418.

For Sale: Generator 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

IH 1466 cab and air, dual hydraulics, like new 814-793-4293.

For Sale: Gehl 600 Forage Harvester and New Holland 718 Forage Harvester. Schuylkill Co., 717-425-2562.

International 826 Diesel with 3 pt torque and wide front $4750. 215-267-5131.

For Sale: 328 New Holland manure spreader, like new condition, clean, call 814-793-4640.

For Sale: 2010 Crawler Loader, like new tracks, ready to work Uebler Feed Cart, $575. 215-795-2154. Stephen Natali, Box 171, RD2, Perkasie, Pa. 18914.

Oliver 1850 diesel, dual hydraulics, wide front. 814-793-4293.

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

(Combines on our lot)

1981 JD 6620 Side Hill, 1 owner fully equipped, used 400 hrs., like new.

Used JD 6620 L.L. one owner Hydro fully eq.; Used 1980 JD 6620 side hill 1 owner fully Eq., real nice.

New Int. 1420 Axial Flow. New 820 Flex Head.

Used NH TR70 Hydro w/15 ft. flex & 6 row; 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600 D rotary screen, good cond.

1977 JD 6600 Side Hill Hydro, one owner w/heads.

JD 6600 D w&643 or 444 Cornheads. 1976 Gleaner FD w/C.A., IH 915 Hydro D. w/4 Row Corn Head, Real Nice for $10,800.00. IH. 715 Hydro w/German D, w/810 Grain Head & Choice of C.H. 1976 Int. 915 D w/810 grain head, $15,900.00; 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 D hydra. w/grain and 43 corn heads.

MF 410 D w/cab & Q.T. Grain Head.

1969 MF 510 D, cab & 2 heads.

MF 300 w/cab & 2 heads for $2900.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int. 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Int. 815 Gas w/Grain & 744 C.H., (SOLD).

JD 40 w/10 ft. grain & 205 C.H.

COMING IN - Used Int. 1460 Axial Flow.

M & W Continuous Flow Dryer.

M & W 500 Bushel Grain Cart w/Tandem Wheels, Like New.

NI 702 Uni w/727 Husking Bed, (SOLD).

NI 7720 w/Fire Damaged Cab.

(Financing Available Also Lease Financing Available On Combines & Tractors).

We have 3 NI Uni 729 A shellers from $1500.00.

Tractors & Equipment Just Traded & Purchased - Int. 5488 w/Radial Dual Tires, like new. Ford 9600 C.A., nice. Ford 7600 w/Dual Power, Real Nice. JD 2940 w/400 hrs., $16,250. JD 4030 C.A., original, real nice; JD 4320 w/Cab. JD 2940 w/4 Whl. Drive & 38" Whls, 110 Hrs., like new. New JD 4400 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; Agri Power 9000 - 115 HP; by Fiat used 80 hrs., like new; Farmall 786, like new; AC 7045 C.A., like new; Farmall 1566 C.A., black stripe; MF 1080 D, real nice, $6800.00; New JD 6 - row conservation planter w/liquid fert., inst., & monitor; Price for $12,900.00. JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; JD 2940 w/RG canopy. Int. 656 utility D. w/2250 Loader. 1066 red cab & air, original, real nice. Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH, Original. IH 3788 2+2, used 700 hrs., (SOLD). IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900.00; JD 4020 side console, Farmall 656 Hydro D., real good; Case 1030 D. New MC 7' for $3900.00; Int. 400 4 row cyclo planter w/no-til.

Balers JD 336 twine w/thrower, real nice. JD 336 wire w/thrower. We have 4 JD 336 Balers to pick from. JD 410 Round Baler, real nice; JD 500 Round Baler, $4,400.00. NI-456 Round Baler. NH 852 Round Baler. NH 472 - 7 ft. Haybine, like new, $4,575.00; NH 477 haybine, 7 ft.

JD 660 Rake w/Front Whl. NH 258.

Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'. NH 495 12'. Int. 990 9' late model. JD 1209 for $1800.00. Int. 1190 for $2,475.00. New NH 489; Haybine for $7,550.00; Used Int. 990 - 7 ft. Haybine, nice.

JD 336 Baler /Thrower for $3900.00.

NH 273 Baler w/Thrower.

NI 279 Cut-ditioner, Real Nice.

MC 9' rotary scythe, $1250.00. NI 279 cut/ditioner, $1500.00. NI 7' cut/ditioner, $1200.00 & UP.

Balers: NH 269 w/Thrower, $1250.00.

NH 320, looks like new; w/new 70 NH Thrower for $6950.00. JD 466, a real nice big baler. NH 273 w/Thrower. Lely Hay Tedder.

Int. 100 Dyna Bal. 3 pt. Sickle mower. JD 350 3 pt. Sickle Mower. MF Dyna Bal. Mower. NH 258 Rake w/Front Whl., like new.

TRACTORS AND EQUIP. JUST PURCHASED. New JD 2950, 2750, (SOLD). 4250 C.A. P.S. Used JD 4240 C.A. Quad.

New JD 4240 C.A. and P. Shift, JD 4620 w/Cab and new tires, real nice, JD 4640 C.A., PS, 20×38 tires, w/Dual Wheels, fully equipped, 800 hrs., like new, $35,800.00. Used JD 2640 w/Hi-Lo dual hydraulic, $9,875.00. JD 2010 gas, $1,775.00. Farmall 1586 C.A., 3 valves, & Dual Wheels. Farmall 1086 C.A. Farmall 886 w/Cab and 18×38 tires like new. Super A w/2 Way Plow, fully eq., excel. cond.. Case 930 D, original. Case 1030 D. JD 3010 gas. New A.C. 8050 PS w/Radial Tires, list 56, cost 44, our price, $34,850.00. New AC 6080 Diesel.

Used JD 4040 w/R.G. and QR, nice. JD 4630 cab, air, PS, w/Front whl. drive. JD 6030 C.A., duals, all original. Farmall 1586 C.A., real nice. Farmall 1486 C.A., w/Radial Tires, real nice, one local owner. Int. 784 Utility D, (SOLD). 1066 Hydro original. Farmall 706 Gas, WF and 3 pt.. 766, original. NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed. NI 324 Picker w/12 roll bed. Case 1370 C.A., PS, factory duals and full wts., $13,500.00.

NI Combines, Just Dealt. NI 702 late model w/Heavy axle & High Screens w/729 A Sheller. 743 - 3 row Quick Tach C.H., real nice & Field Ready. NI 738 4R N CH. NI 10 ft. direct cut head. NI 3 row 30" Silage Head.

NI 705 Uni D w/729 A Sheller & 3 Row C.H. NI 702D w/Burned Motor.

NI 713 Q Tach Grain Head.

MF 1135 CA MP, real nice. Farmall 1468 C.A., $8,850.00.

Farmall 886 w/R.G., 560 D w/F.H.. Nice 756 D WF and F.H., nice, original. 756 D WF 3 pt.. Int. 656 utility D, nice, original.

Int. 574 Utility D, w/New Tires.

Int. 404 Utility, Nice.

Int. 444 Utility w/Hydraulic Loader. Farmall 460 Gas, TA, FH for $1975.00.

2 Used NI 323 1 Row Picker, Real Nice, $2250.

AC 7010 C.A., P.S., 20:8×38 tires, full wts., light package looks like new.

Farmall 656 Gas. JD 730 D, nice. JD 620 w/PS. JD B. JD 1520.

Used NH Tandem Rake Hitch.

New Holland 1010 Bale Wagon.

1971 JD 4020 S.C. w/Power Shift; JD 2510, Gas, Real Good. 4010 Gas.

JD 4020 S.C., P.S. JD 730 Gas. JD 530 w/PS & 3 pt. JD 4030 4 Post w/Quad & good tires. 1971 JD 3020 D, WF, P. Shift w/2 Valves. JD 3020 Diesel, $5,450.00. JD 2010 D, real nice. JD 2010, gas, nice. JD 630 w/PS & 3 pt. PT. 4020 D WF, DL and 2 values w/Cab. JD 4020 D WF, PS. JD 6030 C.A., real nice. JD 3010 Tri Gas. Farmalls 1586 4 Post R.G. w/Duals. 1206, extra nice.

Int. 606 w/Loader. MF 175D w/R.G.

Int. 300 Utility.

Farmall 300 w/TA & FH.

Farmall Super M w/Myers Snow Plow. Farmall 450 Gas w/WF, PS, TA, FH.

Int. 84 Hydro D.

JD 4020 D., WF, PS and diff lock). (Harvesters). NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head.

Used Fahr Rotary 7 ft. Haybine. Glenco SS9 Soil Saver. JD 210 14 ft. Disc. Hesston 30 Stakhand.

CHISEL PLOWS. New Ford 13 ft. 3 pt. w/Gauge Whls.

Used Grim 4 star hay tedders.

NEW NI 406 Rake w/Front Whl, $2,275.00.

Grinder Mixers. NH 357 for $3850.00. NH 355, like new. Gehl 95, real nice.

Int. 1150, Real Nice.

New AC 7010 w/20 sp. trans. JD 4020 S.C. w/Cab. MF 1135 w/Cab.

Farmall M Diesel w/PS. M & W PTo & Dual Hydraulic.

We have 3-Farmall M's & Farmall H.

TRACTORS & EQUIP. Farmall 1566 w/Cab and duals.

Case 1410 D, nice, $7900.00.

Cub 184 w/3 pt., like new. 682, 128, 125. JD 317, 314, 210.

New John Deeres 4240 cab & air, QR for $30,000.00. New JD 4440 C.A., QR w/Radial 20×38 tires. Local Trade Ins. Used JD 4230 CA, QR. 4020 side console equipment.

Corn Heads JD 643, 444, 244, 843, 343, 443, 313 for 45C, 235. JD 443 w/Field Queen Attach. MF 1163. 63, 43, 44, 24, 222, 422. Gleaner L438, K238, A630 for L2 & M2, G630, F335, F330, M430. Int. 863, 864, 844, 744, 843, 227. NI 4 row 40" heads. Case 4 row 40". MF 43 Lo Profile. NH 4 row 38" C.H. New JD 444, $6875.00. JD 443, used 2 seasons. Late Model 643 JD Cornheads. New JD 443 CH for $9500.00. Gleaner A430 for F2, (SOLD). JD 435 for 95 Combine. 40 corn heads on lot.

New Int. 810 13 ft. grain head.

Used Int. 820 16' flex grain head.

Used JD 215 Flex Grain Head. 3 Used JD 13' Grain Head.

4 used 810 Int. 13 to 16 ft. reg. and floating heads.

(New Farmalls). 5088 C.A. for $34,850.00. New 3688 fully eq., $30,000.00.

(Used Farmalls). 966 original. 1206, real nice. We have 4 JD 4020 side console diesels. 1970 JD 5020, $6950.00. Ford TW20 w/Cab w/220 Hrs., Damaged.

Case Used 2590, fully eq., cab, air, PS, dual whl., 900 hrs., for $23,900.00.

New Case 1490, w/Heavy Case Loader.

AC D 17 dual IV w/3 pt. JD 4230 w/Rops. 1971 JD 3020, SC, PS, DL, +2 valves.

TRACTORS. Farmall 544, Gas, WF. Farmall 706 D, WF & 3 pt.

1971 JD 4020, original. Case 1070, PS, $6875.00. JD 4010 Tri D. Farmall 766.

Long 910 D.

CULTIVATORS - New Case 3 pt., 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS. 2 Used NI 325 w/12 roll bed, current model. Used NI 325 w/8 Roll Beds. (2) NI 324 w/12 roll bed. (325 N. w/Sheller). NI 3 row 30" Picker w/Super Sheller. New Idea Shellers and Super Shellers. NI 2 row N. w/Grinder.

NI 323, 1 Row, Like New.

NI 324 w/8 roll bed. NI 324 w/Super Sheller. NI 325 w/Regular Sheller, nice.

New NI 324 Picker w/Super Sheller List, $15,390. Special $8,475.00. NI 319 Mtd. Picker w/Sheller. JD 237 w/Multi Lubes & Sheller Available.

Mounted Pickers. NI 305, 2 row for M, 450, 560 & JD 3020. Int. 234 for 560-656 & JD 3020. JD 237 for A, 620, 3010.

NI 727 Uni Husking Beds.

JD 4020 w/58 Loader. JD 4320 w/Cab.

560 D w/F.H., nice.

Farmall 1568 w/Cab & air, used 1000 hrs. 1566 w/cab. 1466 w/Cab. 886 w/Cab, 800 hrs., like new. 856 w/38" tires, very nice. Farmall 756 Gas. Hi Crop 656 Diesel, Hi Crop.

HARVESTERS. Int. 830 w/2 row, 30", C.H., w/Electric Controls, 2 yrs. old, like new, $7,800.00. Int. 830 w/3 row 30" C.H., fully equipped, $6,800.00. Fox Super D SP Chopper w/2 row.

JD 3960 Fully Eq. w/Controls also 7½ ft. pickup head. Also 243 C.H. w/Adapter Plate for Chopper.

Used JD 3940 w/Elect. Controls. 2 row N.C.H. & Pickup Head. JD 3800 w/2 row C.H. for $2850.00. Fox 3310 w/3 row 30". NH 717 w/2 Row 30". NH 890 w/3 row 30". 2 NH 890 2 row 38" cornheads. NH 770 w/2 row 30", (SOLD). Fox 2 row Snapper Head. NH 770 1 Row Snapper C.H. NH 890, 2 new Snapper Head. Fox 2 row 30" Silage Head. JD 1 row Snapper Head for 38 & 3800. JD 4 row Stalker Head, like new.

New JD 5½'. Used JD 5½' Pickup Header.

Int. 650 Chopper w/2 row C.H.

Gehl Recutter Blower.

ALLIS CHALMERS 7040 w/Cab, power shift, like new, low hrs. 210 w/new 20.8×38 tires. AC H3 Crawler w/Blade and winch.

2 JD 4 wheel drives, 8630, fully eq. w/duals & 7520, fully eq., w/Duals.

FARMALLS. Used 686 w/Cab & Air. 806 w/3 pt. & 38" wheels. Farmall 656 Diesel & 656 gas. Farmall 826 Hydro D.

Farmall 450 gas w/PS & FH.

New White 2-65 w/Front Whl. Drive and new 1730 Loader, List $29,000.00.

Dealers net $23,700. Our special price, $21,850.00.

New White 2-105 w/Cab, $22,850.00.

MASSEY FERGUSON 1155, cab & air, M.P. for $8850.00. MF 184, 4 Wheel Drive. MF 175 D. MF 85 D, w/new Tires. MF 1155 w/C.A. M.P. MF 1130 for $6,250.00. MF 1080D. MF 90D. Oliver 1950T w/Cab for $5,975.00. 2050, 1855, Diesel for $6,000.00. Oliver 1650 w/over & under shift. MM Vista 1000 w/cab and loader.

Farmall 706 German D w/cab. JD 2520D. MF 1135 w/R.G. and dual wheels. NH 890 2 row snapper head.

Fords 5000 D. Small tractor just traded.

Ford 860 w/Loader. JD 2010 D, real nice.

AC 5030 w/3 pt., used 270 hrs. AC 185 D, needs motor work. JD A w/PS, excellent.

IND. EQUIPMENT. Int. 500 E Crawler Loader w/270 hrs., like new. Cat 933 crawler loader.

Cat 951 C Loader w/Rops, real good.

JD 350 Crawler Loader.

AC 600 21 ft. Forklift.

New JD 60 Skid Loader w/2 Buckets, (SOLD).

Case 1537 Skid Loader.

Mechanics Specials. JD 3010 Gas.

Farmall 1256, needs motor work.

Ford 5000 Tri D., needs motor work.

Case 1212 D.

Case 1410. Farmall 706 gas, needs trans. work, $2700.00.

Planters. Used Int. 800 6 row air planter w/dry & monitor. New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800.00. Used JD 7000 4 Row 30" & WR, like new. New & Used JD No Til Planter Coulters. JD 7000 6 row plate w/fert. inst. JD 1460 6 row no-til liquid plateless Inst., $1975.00.

AC 12 row No-Til Soybean Planter. Oliver 6 row no-til w/dry fert., inst., fert. fill and population monitor.

JD 1280 8 row planter.

Cabs for JD and Int. 86 series Tractors.

3 new full vision cabs for MF 165 thru 1135. Glenco 12 ft. 9" Soil Finisher, like new.

Glenco SS9 & SS7, (SOLD), Soil Savers. Brillion 9 ft. chisel plow. Brady 14 ft. pull chisel plow w/Buster Bar.

Athens and Bush Hog 12 ft. and chisel plows.

Miller 12 ft. offset disk, JD Disks 210, 12×14 ft. New Westfield grain augers 41 ft. 8" KD=$1395.00, 56 ft. 8" KD=$1995.00.

Used Danuser Post Hole Diggers.

New JD Front Dozer Blade for 4520 thru 4620, 4430 and 4640.

2 NH 38 Flail Chopper, like new.

NI Hay Conditioner.

Used Brillion, 8' Packer Seeders. Used Century 400 gal. Sprayer.

New 8 ft., heavy duty 3 pt. blades.

JD 6 & 8 row front cult. New 15 ft. rotary cutter. Oliver 3× Rollover.

PLOWS. JD 5× Hyd. JD 2500, 6×18 sp. reset. Int. 700 6×16 sp. reset w/colters, etc. for $2650.00. Ford 5X sp. reset. Oliver 4×16 Rollover. JD 3×16 Rollover. Ford 2X Rollover, like new. AC 6X Reset Plow. AC 3 pt. 5×14 Used Chisel Plows. Brady 12 ft. & 10 ft. Chisel Plow. New IH 3 pt. Field Cult. 12'. Used 3 pt. Bush Hog 7 Shank V-Ripper. Bestland Rock Picker. New Johnson Loader.

NI 214 Flail Spreader w/Endgate, Nice.

NI 4 row Stalk Shredder.

Used Brillion 21' Hyd. fold cultimulcher.

Used Brillion 13' roller harrow. JD 3 pt. 1&3. Shank Sub Soilers.

JD 111 = 10' Disk. Int. 370 10' Disk. Brillion Field Cult.

Int. 480 20' Fold Disk.

AC 2300 12 ft. Disk. Case 10 ft. Disk. NI 12 ft. Lime Drill.

Howard 13 ft. rotovator.

New 12 ft. 3 pt. field cultivator.

New Landoll 24 ft. hydraulic fold chisel plow.

Used Chisel Plows 3 pt. JD 1610 12 ft. Athens 10 ft. Int. 11 ft.

New DMI 12 ft. pull chisel plows. JD and Oliver 4, 6 & 8 row front mtd. cult.

Straw choppers for combines. JD 4400, 7700, 6600. MF 510, 550.

Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.

JD 8300 21×7 DD Grain Drill w/Soy Bean Attach. Used 100 acres, like new.

JD 8300 21×7 D.D., $3450.00.

Int. 5100 21×7 DD grain drill, like new.

Int. 510 21×7 D.D. w/press wheels. 2 sets of press wheels for JD drills.

Int. 510 16×7 w/fert. & grass seed.

Int. 510 16×7 grain drill.

Ontario Grain Drill w/Fert., real clean.

Loaders. New Int. 2355. JD 148, 58, 48, 46A Loader. Int. 2250, 2050. Int. set of forks, like new. Int. 2000 Loader. 1 Int. 2001 Loader, new. Great Bend Loader, 3 pt. hitch for 630 and 730 JD Tractor. New and Used JD Quick Couplers.

2 New sets JD 38" cast whls. & rims for 4640 etc.

TRUCKS. 1979 Chev. C65 24 ft. rollback, like new.

'76 Chev. 4×4 Pickup.

Int. Scout 4 whl. drive.

Delta 44 ft. combine trailer.

New NH Direct cut head for 770. New Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800 38. Fox pickup head. 20 set of dual wheels, all sizes.

JD front & rear weights. IH front and rear weights.

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1 FARM EQUIPMENT

B&R FARM EQUIPMENT

NEW EQUIPMENT

AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(2) AC 6080 2 WD
AC 16 ft. S-Tine Field Cultivator
AC 6070 FWD
AC 6080 2 WD w/Cab
AC 8030 FWD
AC 1200 15½ Ft. Field Cultivator
AC 1200 16½ ft. S-Tine Field Cultivator
AC 1500 Min-Till
AC F3 Combine w/Floating Cutting Bar
NH TD 50 Disk
w/$1500 Factory Rebate

USED TRACTORS

AC 175 Diesel
IH 986 Diesel w/cab
MF 1135 Diesel w/cab, heat & air
AC 7040 w/Cab, Heater & Air

USED HAY & FORAGE EQUIPMENT

2 NH 717 Forage Harvesters
JD Tank Spreader
Gehl 600 Forage Harvester
IH 555 Forage Harvester w/2 Heads
NH No. 7 Forage Wagon w/new running gear
NI Rake
NH 77 Baler w/ Motor Thrower
JD 24T Baler w/ Kicker
NH 268 Baler
NH 269 Baler
(2) IH Balers w/Throwers
Lely 4 Wheel Rake
JD 14A Crop Chopper
AC 2000 Series 4 Bt. Plow Auto Reset

SPREADERS

NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)

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TW5 105 PT HP
6610 72 PTO HP
1910 28.5 PTO HP
1710 23.5 PTO HP
1310 16.5 PTO HP
CL45 Compact Loader 40 HP

SPECIAL
Ford 150 Auto Reset Plow
$2700

Ford 240 Transport Disk 10'3" Cut
Ford 9 Ft. Chisel Plow, 3 Pt. Hitch
Specials on Ford 930 Rear Mount Mowers And AMCO 17 Series Disks Call For Prices

Demo Glencoe Soil Saver
$4,660

USED EQUIPMENT

Ford 6700 Tractor Ex. Cond. Low Hours
Ford 7000 w/cab. Excellent Condition
Case 630 Gas Tractor
MF 65 Diesel

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NEW EQUIPMENT	List	SALE
IH 3088 4WD Tractor	$48,484	$36,000
IH 1190 9 Ft. Mower Conditioner	$9,789.50	$6,995
IH 781 1000 RPM Forage Harvester w/Hay Pickup & Corn Head	$16,597	$10,995
IH 3450 Round Baler	$11,370	$8,600
IH 3650 Round Baler	$14,350	$11,000
IH 720 Semi-Mounted 5 Bt. MB Plow	$10,380	$7,000
IH 720 Semi-Mounted 4 BT MB Plow	$9,717	$6,000
IH 475 Disk Harrow, 11 Ft.	$5,856	$5,000
IH 5500 Chisel Plow, 7 Ft.	$2,791	$2,300
IH 6500 Conser/Till 11 Ft.	$7,484	$6,400
IH 800 Corn Planter	$11,933	$10,400
IH 5100 Drill 16x7	$6,343	$5,500
NI 60'x10" Auger Elevator	$4,917	$3,950
NI Double Spinner Spreader	$1,235	$1,100
NI 768 Uni Row Crop Head	$7,302	$4,100
NI 329 Sheller Unit	$5,362	$4,600
Fox Brady 2310 Forage Harvester	$8,773	$7,400
Fox Brady 746 Corn Head	$3,387	$2,500
Fox Brady 12 Ft. Stalk Shredder	$5,500	$4,200
Fox Brady 822 8 Ft. Chisel Plow	$2,600	$2,300
McCurdy GB375 300 bu. Grain Box w/12 Ton Running Gear		$2,600

USED EQUIPMENT

NI 710 Uni Combine Unit	$2,795
NI 729 Uni Sheller Unit	$1,200
NI 702 Power Unit	$4,000
NI 711 Grain Platform	$1,000
IH 76 1956 Model Pull Behind Combine Ex. Cond.	$750
IH 674 Utility Tractor, Ex. Cond. 2000 Hrs.	$7,700
IH 420 Hay Baler	$600
IH 2 Bt. Trailing Plow	$250
JD 1240 4 Row Narrow Corn Planter	$1,875
JD 494A 4 Row Narrow Planter	$1,625
White 6 Row, No-Til Planter, Ex. Cond.	$4,300
Fox Brady 822 Pickup Head, 6½ Ft.	$1,600
Case 9 ft. Disk Harrow	$500
NH 8' Hay Rake, Rubber Teeth	$650

Most Deals Require Cash on Purchase

NH 667 manure spreader, new, used 2 months. 215-377-4549.

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Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings With Full Gasket Set..$89.90
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NI 2 row 325 pull-type corn picker with 12 roll husking bed, Narrow Row Head. 717-587-3396.

NI 324 two row corn picker w/326 husking unit. Excellent condition, $4,500. Perry Co., 717-444-2192.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also, available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics. 814-793-4293.

Oliver 1800 diesel, good condition, $3,200. Baker 7000 lb. capacity fork lift, as is, $600. 717-534-1253.

For Sale: Farmall H, good paint, metal and rubber, needs minor engine work. Also, JD heavy duty rolamatic narrow front end. JD 640 rake, very good condition. 717-624-7585 or 717-624-2429.

For Sale: Farmall BN - cultivator and tobacco hoers - mounted circular saw; Farmall H; JD transport disk; Mon.-Fri. 9 a.m. to 5 p.m. 717-464-2761.

For Sale: Farmall 460, Farmall 340 with fast hitch, MF 65 with 3 pt., JD 8' KBA disc, Int'l 350 9' transport disc, McCurdy gravity bin wagon. 215-562-4464.

White 2-85 tractor, 1500 hours, excellent condition, must be seen. 717-437-3547 after 6 pm

10% off T-Bar and all steel detachable manure spreader chains thru December. Elam S. Beiler, 12 S. Ronks Rd., Ronks.

1066 IH Tractor, dual PTO, 38" rubber, $7,600. 609-455-3462 or 769-4025.

Four used vermeer round hay balers, 4 or 5', 800 to 1900 lbs. Haybines and rakes. Westmoreland Co., 412-423-4076.

HORSE DRAWN EQUIP.

NH 456 Trailer Mower; $2,430 List, $1,750 Net (1 avail.)
NI 10A Manure Spreader, excellent
NI 14 A Manure Spreader, excellent
Oliver 23B Sulky Plow
IHC Sulky Plow
IHC No. 9 Trailer Gear Mower, 7'
NI & Cunningham Crimpers
Nicholson Hay Tedder
New Wisc. T.J.D. Bailer engine, $850
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I Beams, 6"x8"x9', 6"x8"x13', 8"x12"x20', 354 NH Grinder Mixer and Warmer Morning. 717-258-6010.

IH hydro 70, 3100 hrs., very good condition. $6,850/offer. 301-833-9091.

IH 1066 cab, dual outlets, 3 pt. 814-793-4293.

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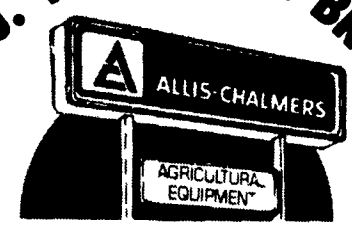

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TRACTORS

AC 7060 PS, w/Cab
AC 7040 PS, w/Cab
AC 7020 PS, w/Cab
AC 185 D, 900 Hrs
AC WD45
AC WD
IH 460 D
Farmall 400
(2) MF 180 D
MM G1000 D
Case 1210 D
JD 2030, EX!!
JD 4010 D w/PS
JD 4010
JD 3010 D
JD 60
JD B

MISCELLANEOUS

Weaverline 330 Silage Cart, 30 BU., Rebuilt, Like New!
(2) Weaverline 223 Silage Cart, 24 BU., w/Auto. Charger

MANURE SPREADERS

NH 676, 325 BU.
NH 510, 160 BU.
(2) NI 218, 265 BU
(2) NI 214, 206 BU.
NI 213, 170 BU.
Farmhand M165, 125 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

COMBINES

(2) Gleaner M2 w/Cab, Air/Heat, 15' Grain & 4-Row Corn Heads, Low Hrs.!
(2) Gleaner MKS w/13' Grain & 630 Corn Heads
Gleaner F2 Diesel w/Cab, Air, 13' Grain & 438 Corn Heads
Gleaner KKS w/Cab, 10' Grain & 238 Corn Heads, Excellent!!
Gleaner CII w/12' Grain & 438 Corn Heads
Gleaner E w/Cab, 10' Grain & 238 Corn Heads
Gleaner AII w/Cab & Both Heads
Gleaner All w/12' Grain Head
JD 55 Special w/Cab, 12' Grain & 330 Corn Heads
JD 55 w/12' Grain & 338 Corn Heads
JD 45 w/Both heads
JD 45 w/Grain Head
MF 35 Pull Type
IH 315 w/Cab, Grain & Corn Heads
NH 975 w/11' Grain & 238 Corn Heads
NI Uni-System 702 w/717 Combine, 4-Row Corn Head
NI 767 Chopper w/702, 2-Row Corn Head & 761 Pick Up Head

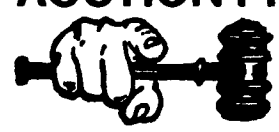
TILLAGE

JD 13' Transport Disc
IH 13' Transport Disc
Oliver 6B Spring Tooth Plow
AC 80 Series 4B Mtd., 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/Gauge Wheels, Like New!
Vicon 14' Power Harrow, Demo!

Check Our Lot For Good Local Preowned TRACTORS, COMBINES, and TILLAGE TOOLS!

Units Priced To Go...BELOW AUCTION PRICES

-- Low Finance
OR
-- TPD Waiver 'Til 6/1/85 (Tractors & Combines)



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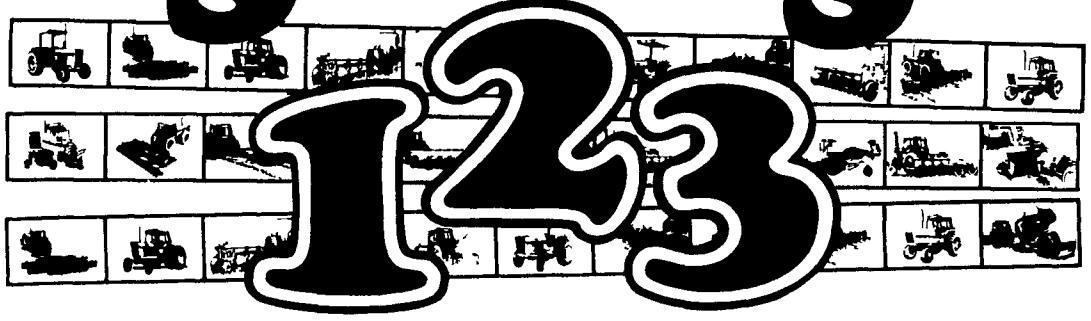
SAVINGS AS SIMPLE AS 1 2 3



Take advantage of these savings opportunities on International equipment.

It's time to make important year-end equipment buying decisions That's why International Harvester is offering these special ways to save on new and used tractors, combines and other qualifying equipment

1 Save With Low Prices

From now through December 31, 1984, we can offer you Company-authorized special savings that make it possible to give you the best deals ever Low prices, coupled with possible year-end tax benefits, make this your best opportunity to save on quality International® equipment

2 Save With Our Waiver of Finance Plan

A second advantage of buying now is our wide-range Waiver of Finance offer Buy any of our qualifying new or used equipment this year and you'll save by not paying finance charges until a later date See the chart for details

QUALIFYING EQUIPMENT	NEW	USED	WAIVER DATES
Tractors (70 60 50 30 84 and 200 Series)	Yes	Yes	6/1/85
Combines (Grain)	Yes	Yes	6/1/85
Combines (Corn Soybean Rice)	Yes	Yes	9/1/85
Plows-Disks-Field Cultivators	Yes	Yes	3/1/85
Planters-Row Crop Cultivators	Yes	Yes	5/1/85
Hay Equipment	Yes	Yes	6/1/85
Forage Equipment	Yes	Yes	9/1/85
Cotton Harvesters	Yes	Yes	9/1/85
Material Handling	Yes	Yes	3/1/85

3 Save With Optional Cash Rebate or Low Rate Financing

We want to help you buy the International equipment you need So, we're offering you a choice of a cash rebate **or** low rate financing in lieu of Waiver of Finance

Act now These offers expire December 31, 1984

Comparable used tractors

Waiver date on all used combines used headers and used *corn heads will be 10/1/85*

Sales period 12/16/84 through 12/31/84 on 1400 Cottdh Harvesters

VOTE Waiver available only on above machines financed *through International Harvester Credit Corporation*

This offer subject to change or cancellation at any time without notice or obligation

USED EQUIPMENT

TRACTORS: Waiver til 6/1/85
(2) IH Farmall "C"
IH 674 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall MTA
Farmall 300
Farmall 400
Int. F12 w/cult
IH 450 Gas, wide Front — $1950
IH 404 Low Utility, 3 pt Hitch, w/Mott Mower
Long 560—$3,500
MF 33 w/3 pt. Hitch
IH 240 w/Fast Hitch
JD "B", Hand Start, Lift with 1-Bot. Plow & Disk — good shape!—$1,850

TILLAGE: Waiver Til 3/1/85
Athens 11 Ft. Chisel Plow, 3 pt. Hitch
Brillion 16' Single Packer, Like New
(2) Brillion 6 ft. Single Packers
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
IH 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 540 4-Bottom Semi Mtd. Plow
IH 10 Ft. Offset
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $1,800

MATERIALS HANDLING: Waiver Til 3/1/85
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
MF 711 Skid Loader w/Bucket
IH 2000 Loader, Less Bucket, Mount for IH 275

USED EQUIPMENT

PLANTERS: Waiver Til 5/1/85
JD 1250, 6-Row, Dry Fert., Nice Shape!
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New

HAY & FORAGE: Waiver Til 6/1/85
IH No. 51 Forage Wagon
NH No. 26 Blower
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
(2) NH No. 6 Crop Carrier Forage Wagons - good shape!
1014 Hesston Mower Cond.
NH 269 Baler w/o Thrower
IH 420 Baler w/o Thrower
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH No. 14 Rake
Int. 56 Blower, Rebuilt

OUTDOOR POWER EQUIP.
IH 72 Cadet w/Mower
IH 154 w/60" Mower
IH 184 w/60" Mower
Cub Cadet 129—Mechanic's Special
(2) Cub Cadet 108's w/Mowers
Cub Cadet 106
Cub Cadet 127
(2) Cub Cadet 105's w/mowers
Farmall Cub w/60" Mower
MF 340 Snowmobile, Good Shape — $750

COMBINES: Waiver to 9/1/85
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape!
MF Model 300 Gas, 222 Hd , & Platform - Rough Cond. — ~~$1,200~~ Now $800
810 13' Cutter Bar, Like New
IH 430 WN 30" Cornhead for 503 Combine, Excell. Shape
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
NI 324 2-Row Pull Type, Big Husking Bed, Nice Shape
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

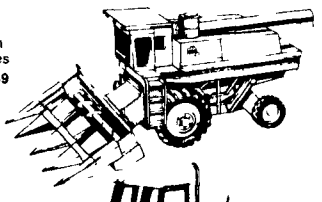
MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start, Pull Type or Skid Mount Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,150
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
IH 80 Snowblower, Like New!
(4) Cushman Golf Carts — $250 ea., in running cond , Also 2 for parts, not running, $150 ea.
New Midwest 9' Grain Body For Truck, — $1,350!
Athens 15' Bat Wing Mower (In Stock)
Melroe No. 600 Rock Picker
ROSCO 1 to 1½-Ton Roller, 7 HP B&S Engine, Nice Shape — $2,000

PARTS VALUE OF THE MONTH

A Bell Ringer!

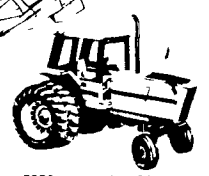
Save on authentic IH toys.

Radio controlled tractor just like Dad's. Replica of 6388 all wheel drive 2 + 2 model Goes straight when operated forward turns when operated in reverse Uses AA batteries not included
Regular $15 95
Special **$14.35**



Axial Flow Combine has movable header and un loader auger Exact replica to 1/80th scale measures 4½ x 3½ x 1 15/16 inches
Regular $4 49
Special **$3.99**

All-wheel drive tractor This exact replica of an International 5488 all wheel drive tractor is steerable Made to last for years
Regular $23.95
Special **$21.55**



Miniature 5088 tractor At 1/64 scale it s a perfect stocking stuffer Every kid on your shopping list will be thrilled
Regular $1 75
Special **$1.57**

Now's The Time...This New IH Equipment In Stock And Available For Year-End Tax Credit!

Tractors:
484, HD Axle, F&R Trans w/KMW Loader
Hydro 84 Row Crop
684 Row Crop
784 Row Crop
884 Row Crop
3088 (2 In Stock)
3488 Hydro, ROPS
3688, Cab
5088 (2 In Stock)
5288 Rental Unit
5488

Combines:
IH 1420 & 1460

Planters:
800, 4-Row Plate
800, 4-Row Air
800, 6-Row Air

Grain Drills:
5100, 18x7 Plain
5100, 16x7 Plain

Cultivators:
183, 4-Row Wide
181, 15' Rotary Hoe (2)

Soil Preparation:
145, 3-Furrow Rollover
735, 6-Furrow

Chisel Plows:
5507, 3 Pt.
5511, 3 Pt.
5513, 3 Pt.
6511 Consertil, Demo.
6514 Consertil
4623 Field Cult Trailing, Demo.

Sub-Soilers:
No. 10 Subsoiler Chisel, 5 Shank (2)
No 14 Auto. Reset, 5 Shank (2)

Disk Harrows:
475, 11'6
496, 18'7
496, 19'1
496, 22'
496, 22'2

Packer Mulchers:
415, 12'2
415, 13'2
415, 14'2
415, 20'10

Hay Equipment:
3450 Round Baler
1190 Mower Cond., 9' (2)
1490 12' Center Pivot
35 Hyd. Drive Rake

For. Harvesters:
781 & 881 Models
600 Blowers

Materials Handling:
2250 Loader
2350 Loader
530 Spreader
540 Spreader
550 Spreader
595 Spreader
1350 Grinder Mixer

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- ★ John Blue Sprayers
- ★ FMC Bean
- ★ Brouwer Turf Equip.
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Farm Bilt Hay Wagons
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NEW DISC MOWERS
Now You Can Afford One
December Only:
5'6" $2800
7'10" $3800
Order Yours Today
717-786-3521

FOR SALE-3 ton vegetable hydraulic dump wagon. JD AT40 4 row N or W front mounted cultivator. Single axel 5th wheel dolly with farm tractor hitch to move trailers. FMC Model 67W flatbed tomato harvester. Good condition. 3 row Holland transplanter with 3 pt. hitch. Lanc. Co. 717-653-5244.

For Sale: Amish Carriage, 3 yrs. old, in excellent condition. 215-273-3891.

For Sale: Bolens G-152 diesel garden tractor, $2100. MF205 4WD tractor, $4700. MF2-16" rollover plow, $700. Long 65"3PT rototiller, $1000. 1000RPM Howards Rotovator shaft, $100. Berks Co., 215-683-7230.

For Sale: Bale Thrower Wagons, Steel or Wood. Will fit sides onto your flatbed. Also, Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt. 2, Gap, PA 17527
(717)442-8972

International 1086, cab and air, 38" rubber, dual hydraulics, top link, full set of front weights. 814-793-4293.

Meat grinders, band saws, slicers and tenderizers. Also new splitting saws for only $249. Gerry Grundy, Doylesburg, PA, on Rt. 75, 200 yards North of Rt. 274. Open Saturday and Sunday 10-4. Call 717-349-7654 or evenings 215-549-7584.

MF 1100 factory cab, original paint, Firestone tires. dual hydraulics, excellent. 814-793-4293

JD 4230 tractor with cab in very good condition, like new tires, dual hydraulics, must see to appreciate. 717-532-7054 or 532-8363.

JD 4230, 4 post rollguard, dual outlets, excellent. 814-793-4293.

JD 4230 4WD tractor in very good condition, has full cab. Priced to sell. 717-532-7054 or 717-532-8363.

JD 4630 4 post roll guard, PS, dual hydraulics. 814-793-4293

JD550 Dozer, JD555 Crawler Loader, JD450-B Crawler Loader, Int. 100E Crawler Loader w/hoe, JD310A Backhoe, 215-679-5958, 215-679-2011.

JD 70 gas, N.F., #5 mower, V snow plow. Chester County. 215-932-2316.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293.

John Deere A cyclone model, $550. Sprayer with 250 gal. tank on homemade chassis, $175. New Idea fodder shedder, $300. Farmhand wheel rake, $150. Lanc. Co., 717-529-6273.

Litter carrier cable, about 100' long, clips & hangers on both ends, $10. Also, Jamesway litter carrier tub, in good condition. $20. 215-822-3144 after 5 p.m.

Massey Ferguson 175 diesel, late model, good condition. 814-793-4293.

50 HP Peerless traction engine. Good working condition
Write: P.O. Box 83
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717-442-4887
Evenings

FOR SALE
1206 Int Tractor, 2440 JD Tractor, NH 890 Harvester 3 wagons 1000 RPM blower, Full line of Hay Equipment, NH Baler & Haybine, Int 4 btm plow, JD 12' chisel plow, Ford 12' disk, Brillion 12' field cultivator, Walsh 300 gal sprayer, (2) Bin Wagons, Int 400 Syclone corn planter, Brillion 8' Alfalfa seeder, All Equipment in very good condition
GOING OUT OF THE FARMING BUSINESS.
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(1) 323 NI Single Row Corn Picker $2,400

(1) 8' Front mtd. Snow Blower For 3020 - 4020 JD Tractor

(1) Case 1830 Skid Loader

(1) Farmall M Trac. $1,295

(1) JD 4320 Trac.

(1) Used 9' Glencoe Soil Saver $2,995

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WISCONSIN HEAVY DUTY ENGINES
6-65 H.P.

Wisconsin
VG 4D 37HP For Clutch, Less Clutch $2185
VH 4D 30 HP Electric w/Clutch Reduction . $2150
AENLD 9 HP w/Clutch Reduction $975
(Engines in stock to fit most popular skid loaders)

Wisc. - Robin
W1-145 3.5 HP $185
EY 18-3W 4.6 HP $250
EY27W 7.5 HP Recoil $355
EY27W 7.5 HP Electric Start $525
EY27W 7.5 HP w/Pump Shaft $360
EY44W 10.5 HP, Recoil $475
W1-390 11 HP Recoil $485

Honda
G100 2 HP $195
G150 3.5 HP $215
G200 5 HP $265
G300 7 HP $346
G400 10 HP $445

Kohler
K161 7 HP Std. $295
K181 8 H.P. 6-1 Reduction $550
K301 12 H.P. Electric $525

Ford Industrial Short Blocks
300 CID Gas $750

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NEW EQUIPMENT
274 w/cultivators
475 disk, 17'5"
18x7 comb. drill
16x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm
2250 loader
#50 Shredder
800 Cyclo planter, 4 row
IH 5500 trailing chisel plow 10'
IH 5500 mtd chisel plow, 9'
IH 5500 mtd. chisel plow, 7'

USED EQUIPMENT
(2) IH 234 Corn Pickers
784 Row Crop Tractor, 700 Hours, Like New, 1 Yr. Warranty

IH 1256 tractor
500 crawler
666 Farmall G
Farmall C
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
IH 234 cornpicker
IH 56 2 row trail corn-planter, very nice shape
Potato planters
JD 2 row potato diggers
Gehl CB 400 Forage Harvester 1 Row Corn Head, Hay Pickup
Iron Age potato planter, 2 row
IH forage blower
Holland transplanter
Case 230 baler
IH 46 baler
John Bean boom sprayer
Iron Age boom sprayer
400 Cyclo planter 4 row
IH 310 Plow, fast hitch 3 btm
Haines Stone Pickers
McConnell 16'-Cart Harrow
JD Stalk shredder 14'

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Waiver of Finance - Low Rate Financing
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Since 1949

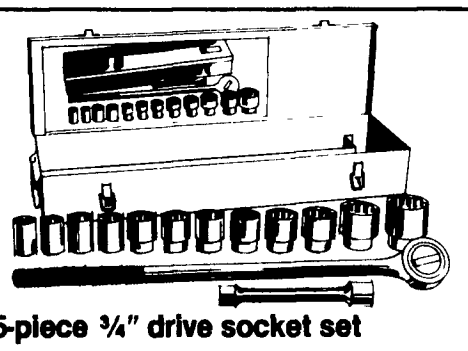
Christmas Bell Ringer Sale!

IH PARTS VALUE OF THE MONTH

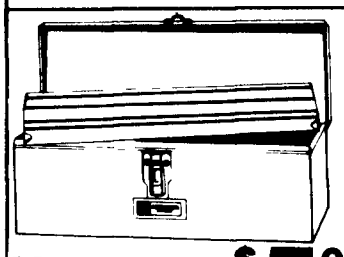
Save on gifts that keep giving!

Grand Prix style jacket. For men and women. Belted collar. Zipper side pockets and snap chest and arm pockets

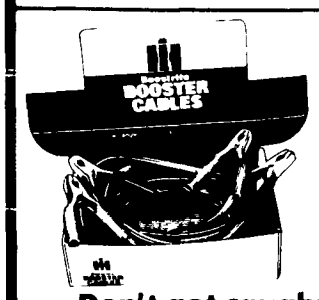
Regular $49.95
Special $44.95
You save $5.00



15-piece ¾" drive socket set
Top quality.
Special price $119.95
Save $84.50
(Based on individual piece list prices)

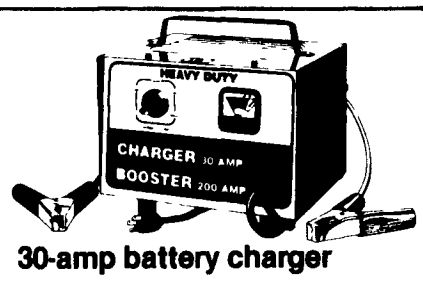


19-inch tool box. Sturdy tool box with positive-catch draw bolt and lift tray More box for your dollar
Regular $22.99
You save $5.00
Special $17.99



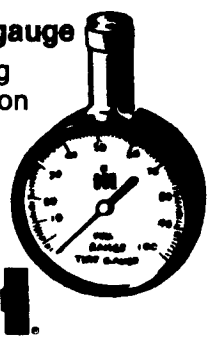
Now Only $24.95
Don't get caught short
Pick up a set of booster cables now at greatly reduced prices.
12' 400 Amp 6 gauge copper

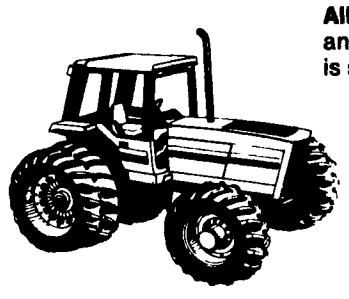
AM/FM pushbutton fender mount radio
All solid state construction. Rust-resistant housing.
Special price $114.75



30-amp battery charger
200-amp boost, 5-amp slow charge. Amp meter.
Special price $115.95

Easy-read tire gauge
Accurate reading with air or solution to 100 lbs.
Special price $4.99





All-wheel drive tractor. This exact replica of an International 5488 all-wheel drive tractor is steerable. Made to last for years.
Regular $23.95
Special $21.49
You save $2.46

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1 FARM EQUIPMENT

NH TR70 combine, excellent condition, 1500 hrs., not needed any more. 215-377-4549.

NH 355 Grinder Mixer with electronic scales, excellent condition Chester Co. 215-932-4312.

510 IH grain drill, 6x24 double disc liquid fertilizer, very good condition. 717-464-3688.

6 Surge automatic takeoff oto milker units with Slimline Randles. Make offer 814-926-2176.

951-B Cat Loader runs and works good but smokes. $9,500. TD-14 International Dozer runs but needs work. $1,400. Ron Coover, Shippensburg, Pa Phone 717-532-6540.

284 IHC tractor, 3 pt., WF, 234 hrs. 560 IHC Farmal Diesel Narrow front fast hitch. IHC side mount grass mower, 7' cut. Lehigh Co. 215-767-8409.

4430 JD with roll guard, 38" rubber, dual hydraulics, front and rear weights. $10,000. 609-455-3462 or 769-4025.

1928 McCormick Deering Tractor (15-30 HP). $1,500. 717-428-2936.

1981 IH 3588, 279 hrs., radial tires, Western Cab, 3 hydraulic outlets, Difflock, AM/FM, digital cassette, bought new, never set outside. Delivery Available. $32,500. Allan Hart, RD 2, Cochranton, PA 16314. 814-425-8315 or 425-7094 Evenings Crawford Co.

12' J.D. lime drill. 1 Row potato planter. Mower for Farmall cub tractor. Saw buck for Farmall M. 215-262-9781.

1460 IH axel flow combine with 15' 820 flex head, 28Lx26 tires, good condition, $34,000 609-455-3462 or 769-4025.

1466 IH Red Cab with 38" rubber, nice tractor, $8,100. 609-455-3462 or 769-4025.

1085 Massy multipar, $5,250. 215-267-2128.

2 belt hqarvester conveyors, 16' long, 1 with motor, $150; without motor, $100. 2 row 3 pt. hitch Ferguson cultivator, $200. 4 rolls of snow fence, $10 per roll. 15 sections of corn crib wire, 6 guage, f1x14, $12 per section. Bucket A-Day heater stove, $10. 215-345-0337.

White 2-105 fender tractor, dual hydraulics. 814-793-4293.

2 John Deere 730's. One with wide front and 3 pt. One with New Idea mounted picker with 12 roll husking bed. Phone 717-323-5542.

50 pieces of good roof tin, 12' long. Ford 3 pt. woodsaw. Model 17 New Idea Spreader. Harold L. Sample. 717-786-3087

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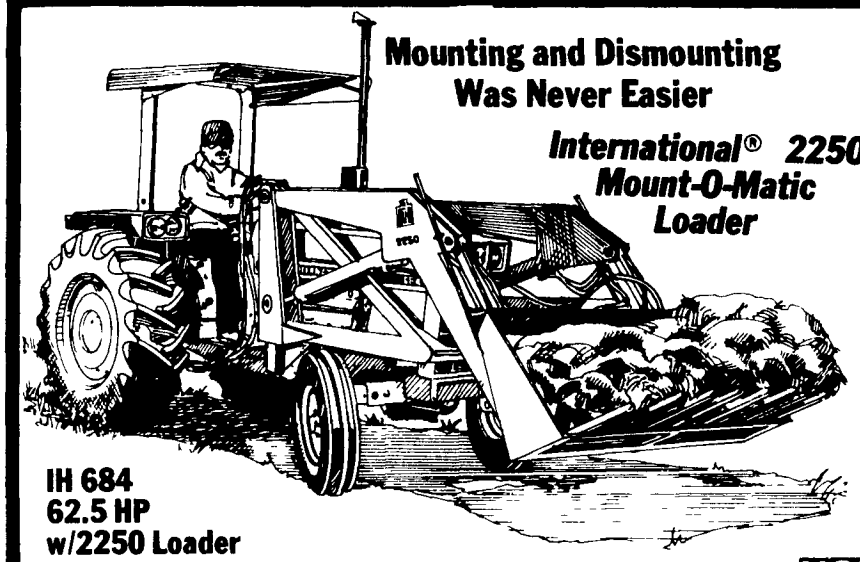

Mounting and Dismounting Was Never Easier

International® 2250 Mount-O-Matic Loader

IH 684 62.5 HP w/2250 Loader

These Tractors Give You #1
- PERFORMANCE
- PRODUCTIVITY
- RELIABILITY

2250 Mount-O-Matic has a 10½-foot dump and is ideal for 40 to 80 horsepower tractors.

IH 5288 162.6 PTO hp

Featuring The Synchro Tri-Six Transmission

Special Price And Waiver of Finance

USED EQUIPMENT

TRACTORS
- IH 886 D w/ROPS
- IH Model 84 Hydro w/2250 Loader Ex Cond
- IH 340 Tractor Fast Hitch
- IH Cub Lo Boy
- Farmall A
- Kubota 185 w/3 pt Hitch
- IH 606 Utility w/Loader 3 Pt Hitch
- Farmall 460 Fast Hitch
- Ford 4000 Tractor
- 3 Pt Hitch 40 HP

SKID LOADERS
- NH L425, Rental Unit
- NH L325 Skid Loader w/Bucket & Fork, 860 Hrs Excellent
- NH L775 D w/Bucket 680 Hrs (Like New)

SPREADERS
- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters Hyd Gate
- NH 516 Spreader
- NI 224 Spreader 2 Beaters 10 Ton
- NH 791 Spreader
- NH 676 Spreader
- Starline Tank Spreader Tandem Axle, Left Hand Discharge Hyd Lid Openers Like New

TILLAGE
- JD 350 6 Bottom Plow
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- JD 10 ft Rotary Hoe
- IH 3 Bottom Fast Hitch

SHREDDERS & ROUND BALER SPECIALS
- NH Model 850 Rd Baler, Good Condition
- IH Model 40, 4 Row Shredder
- NH Model 36 Flail Chopper

Glencoe 9' Shank Soil Saver w/New Discs, Flotation Tires, Cylinder & Hose.

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IH Replacement Blades For Glencoe Chisels $24.95

HAY & FORAGE
- Dion Forage Box Wagons
- IH 1190 Mower Conditioner
- NH 2 Row Snapper Head
- New Idea 1 Row Corn Picker
- NH 880 Harvester w/2 Row Corn Head, Nice
- IH 555 Harvester w/2 Row Corn Head
- HD Big Bale Mover
- IH 40 Shredder, 4 Row
- NH 276 Baler w/Thrower
- NH 24 ft Elevator, Nice
- IH 7 Flail Chopper
- NH 718 w/12 Reversible Knives, 2 Row or 1 Row Corn Head
- IH 56 Blower HD PTO
- Super 717 Harvester w/2 or 1 Row & Pickup Attach (Excellent)
- IH 830 Forage Harvester 12 Knives w/Power Grinder 3 Row Narrow Corn Head Pickup Attach Low Profile Super Sweep
- NH 770 Harvester, 2 Row w/Pickup Real Clean
- NH 489 Haybine Like New Cut Less Than 50 Acres
- JD 1 Row Corn Picker

MISCELLANEOUS
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- Herd Fertilizer Spreader & Seeder
- NH 352 Grinder Mixer
- NH 234 Wagon w/Flotation Tires
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9 MODELS TO CHOOSE FROM

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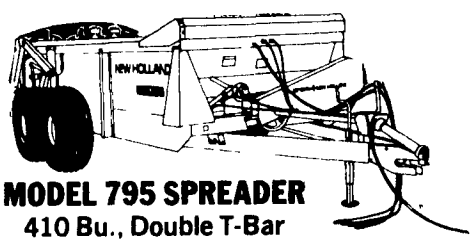
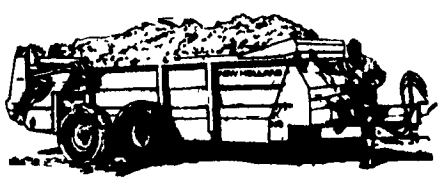


MODEL 795 SPREADER
410 Bu., Double T-Bar Chain



MODEL 800 SPREADER
Gigantic 510 Bu.
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- Air Spring Tension

Capacity champ!
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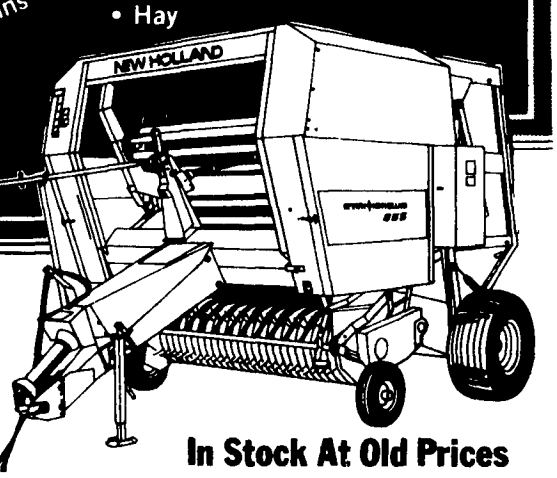

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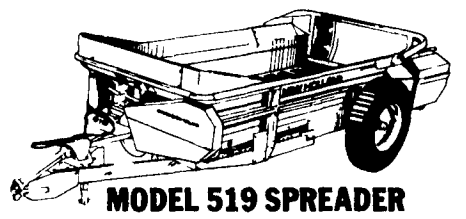
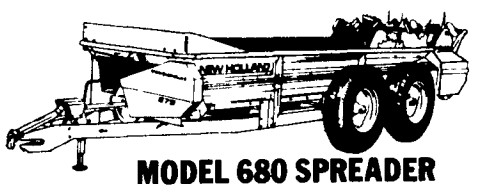
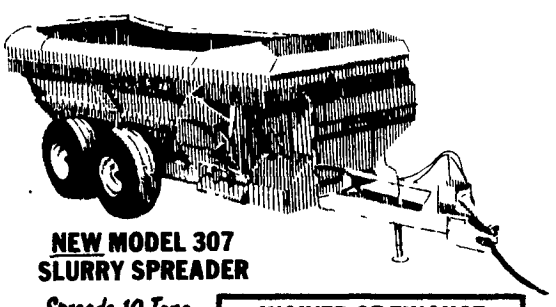


MODEL 519 SPREADER
217 Bu., Double T-Bar Slatted Chain



MODEL 680 SPREADER
287 Bu., Double T-Bar Slatted Chain



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Spreads 10 Tons Per Load!

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JD 40 manure spreader; Int. 91 combine; trailer type field sprayer. 717-865-4932.

JD 4010 Diesel, wide front, excellent condition 814-793-4293.

JD 4020 Diesel with WF, in very good condition 717-532-7054 or 717-532-8363.

JD 4020 diesel side console with cab, dual hydraulics, diff. lock & wide front, $8,500 609-455-3462 or 769-4025.

JD 4020 power shift, dual hydraulics. 814-793-4293.

International 856, dual hydraulics, original paint, excellent condition. 814-793-4293.

JD 125 Forage Wagon. JD 848 3 bottom 2 way plow 1 set of 20.8x38" DMI super lock dual wheels, good tread on tires. $975 717-285-5159.

JD 2010 Gas, WF. $3,200. JD 720 Diesel, WF. $2,800. JD B, WF, electric start, 3 pt. $1,400. Madey Farms 814-467-8839 Somerset Co.

JD 2020 Gas, high and low, spin out wheels. 814-793-4293.

JD 2030 diesel, high and low, heavy duty front end Real clean. 814-793-4293.

JD 2030, 76 model, independent PTO, 38 rubber, heavy front axle $6,500. Can finance 717-264-1154.

JD 3010 Diesel Tractor with 3020 kit, 16" rear tires, WF, $3,600. Mifflin Co. 717-899-6121

For Sale: 1983 JD model 8300 grain drill; 1981 JD pull type 12' chisel plow All in good condition. Must sell. Call 717-273-5231 or 717-273-6748.

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JD 850, 1050, & 2040 Tractors
JD 714 Forage Boxes
JD 1209 Mower Conditioner
Parker 250 Gravity Bin
JD 650 & 750
Bushhog rear blades
Hesston 1014 Hydraulic Conditioner
Bush Hog 1432 Disc

USED EQUIPMENT
JD B
JD 520
JD 720
IH 154 Low Boy w/Mower
Farmall MD
Farmall Super M WFE
JD 614 Rotary Hoe
JD 336 Baler w/Ejector
JD 1300 Bean Planter
NH 275 Baler
NH 68 Baler
JD 34 Harvesters

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JD 4230 Cab, QR, 590 Hrs.
JD 4240 Cab, QR
IH 1466, No Cab, Duals
JD 4630 Cab, QR, Duals, very clean
JD 8430 3 pt., PTO, duals

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Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 4 RN No-till
JD 7000 6 RN No-till, dry Fert

• COMBINES
JD 215 Flex Platform
(1) JD 15' Rigid Platform
JD 444 Corn Head

• TILLAGE
JD 210 Disc, 12' 10"
Ford Disc 24'
Brillion 12' Chisel Plow
Springtooth 12'
Dunham 14' Packer

• HAY & FORAGE
(2) JD 3800 Forage Harvesters w/2 row Wide Corn Head

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Ford 7000
Ford 7600 w/cab DP
Ford 8100 1980 w/cab DP
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Ford 8600 1972 w/dual power
Ford 9600 DP
Ford 9700 cab DP
Ford TW10 w/cab & air DP
Ford TW10 4 WD w/cab & air DP
Ford TW20 cab & air
JD 1030 hi lo w/cab
JD 1120 1969 hi lo
New JD 1640
JD 2120
JD 2130 1975 w/cab
(2) JD 3120 1969
JD 4040
IH 784 w/cab & heat
IH 966 1974 w/cab
Satoh w/blade & cultivator
MF 65 diesel

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JD 4640
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JD 2640 Like New
JD 4040 w/Cab
IH 706
AC190XT

USED COMBINES
AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC N5 Rotary
AC N6 Rotary
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1 Used Manure Spreader
10 Used Square & Round Balers
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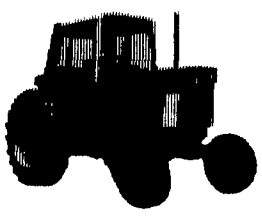

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784 Row Crop, (demo)
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540 Spreader w/upper Beater
5 & 6' Scraper Blades
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IH Snow plower for 154, 184, 185 IH tractor.
335 Wagon

USED TRACTORS
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AC 6080 w/Cab
AC D14
AC170D
AC 7040 PS
Ferguson 30
MF 165 G
MF 175 D
MF 285
Ford 8N

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AC 6060
AC 6080
AC 6080 FWD
AC 8030 FWD
AC 6070
MF 290

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960 Forage Box
3510 Skid Loader
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Kasten
Oliver Transport Disc
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(2) Gehl 99 Blowers
J D 35 Forage Harvester
Mower Conditioners.
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NH 469
NH 489
IH 990
Hesston 310
Vicon 240
Little Giant Elevator
MF 43 Grain Drill

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JD 2700 6 Bottom Spring Reset Plow
JD 2600 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

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JD 4440 w/SG, 500 hrs. $29,000
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JD 2840
IH 966 w/Cab ..... Coming In
IH M Diesel ..... $ 1,000
JD A ..... $ 925
IH 1486 w/Duals $17,500

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IH 720 Harvester w/2 Heads ..... $ 3,500
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JD 38 Harvester w/3 heads. ..... $ 3,500
JD 1209 Mower/Conditioner ..... $ 3,500
JD 38 w/2 Heads ..... $ 2,500

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NI 354 11 Ton Manure Spreader
NI 352 5 Ton Manure Spreader
NI 384 Solid + Manure Spreader (Demo)
NI 382 Solid + Manure Spreader
Glencoe SSS-7 7 Shank Soil Saver
Glencoe 12' 9 Soil Finisher
Arps AB150 7' Blade
Gehl 4610 Dsl. Skid Loader
Gehl 3510 Skid Loader (Demo)
Hesston 7650 SP Forage Harvester
Hesston 566 50 HP Trac.
Hesston 5530 Rd. Baler
Hesston 5540 Baler, Avail. For Rent
Hesston 2420 12' 3" Disc Harrow
Hesston 1091 9' Windrower
Hesston 1014 2+2 12' Windrower
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Starline Tank Spreader
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NH 488 Windrower
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NH 273 SS Baler	NH 717 Pickup Head
NH 28 Blower	Case 4B Plow
NH 717 N2 Corn Head	NH 717 Harvester
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Ford 4000 diesel $3,500
MF 275 diesel, $6,000
NH 273 baler w/thrower, $2000
JD 400 grinder mixer $2000
NH 676 spreader $1,250
JD 660 tandem axle spreader w/tail gate $1,500
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Int. #45 14' Vibra-shank cultivator w/rake
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NH 516 and 518 flat bed spreaders with hydraulic endgate - 210 bu. capacity
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NH 67, 270 and 275 balers
JD 14T baler w/engine
NH 880-2 row forage harvester
Hesston-4 row harvestor w/pick up
Gehl "99" blower
Van Dale 20 ft. Magnum Silo Unloader

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MF 1155 w/cab & air
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Brady 12' Field Cultivator
IH 3200 Skid Loader
NI 218 Manure Spreader
MF 43 corn head
MF 321 corn head

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AC CA Tractor w/ Cultivator
NI 323 Picker
NI #218 Spr. w/Upper Btr. & End Gate
NI #218 Spr. w/Upper Btr.
NH #519 Spreader
NI #213 Spreader
Used NI 737 Uni Husker
OMC 540 Staker & Mover
8C Hydra-Mac Skid Loader

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(1) NI #214 Spreader Triple Beater

(1) NH 512 Spreader Single Beater

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(1) NH 30' Elevator w/C.H. & Motor, Good Shape

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- New Knight 350 Manure Spreader, Top Beater, Hyd Endgate, Tandem Axles, 335 Bushel — $6,650.00
- New Knight 912 Slinger Spreader, 900 Gal Or 190 Bushel — List Price $5,800.00

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- Used Gehl 120 Mix-All With Scale And Unloading Extension, 1977 Model — Pick Up Price $3,800.00

USED HARVESTERS AND RECUTTERS
- Used Gehl CB 400 With Cornhead And Hay Pickup — $2,000.00
- Used IH 650 Harvester With 2 Row Cornhead — $995.00
- Used Gehl 800 Recutter And Blower, Working Condition — $975.00
- Used Gehl Auger Feeder For Grinding Corn With Gehl 800 Harvester — $675.00

USED COMBINES AND HEADS
- Used MF 750 Diesel w/Cab, Hydro Trans., 13 Ft. Grain Table $25,500.00
- Used MF 510 Diesel w/Cab And 13 Ft. Grain Table $16,995.00
- Used IH 205 Combine w/Cab, Grain Table And 2 Row Cornhead ... $3,800.00
- Used MF 10 Ft. Grain Quick Attack With pickup Reel, Good Condition. $900.00
- Used MF 4 Row Cornheads, Wide Row ... . $1,500.00 and up

FORAGE BOXES
- Used Gehl 960 16 Ft With Roof and 3rd Beater, 12 Ton Tandem Gear, Used 1 Season — $4,995.00
- Used EZ Forage Box, 16 Ft. Roof And 3rd Beater, 11Lx15 Tires — $2,650.00

FLAIL CHOPPERS
- Used Gehl 72 Flail Chopper, 6 Ft Cut, Good Condition — $2,400.00

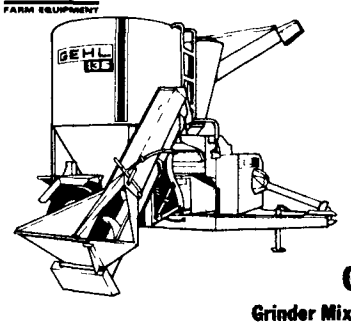
PLOWS AND SOIL SAVERS
- New Glencoe 7 Tooth Soil Saver, Stretch Frame, Spring Cushion, New Tires — $5,800.00
- Used Glencoe 7 Tooth Soil Saver Spring Cushion — $3,800.00
- Used Ford 3x14 Moldboard Plow w/Coulters and Coverboards, Good Condition — $625.00

SPRAYERS
- New Century 500 Gal Tank Sprayer, 42 Ft Boom, No Drip Nozzles, Hyd Driven Pump — $3,200.00

HAY BALERS
- Used MF 10 Baler Without Thrower — $600.00
- Used NH Hayliner 276, Like New Without Thrower — $3,100.00

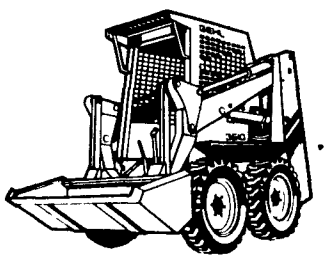
LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
(717) 866-7518

GEHL FARM EQUIPMENT



WINTER CLEARANCE SALE

GEHL



GEHL GRINDER MIXERS
Grinder Mixers Have Delayed Payment Until July 1, 1985
- New Gehl 100 Mix-All, Heavy Duty, 540 PTO, 11Lx15 Tires ..... Selling Price $7,400.00, No Trade Cash Price $6,775.00
- New Gehl 135 Mix-All, Heavy Duty, 540 PTO, 11Lx15 Tires ..... Selling Price $8,750.00, No Trade Cash Price $8,275.00

GEHL SKID STEER LOADERS
Gehl Skid Loaders Have Delayed Payment Until July 1, 1985
- New Gehl 3510 Gas, Flotation Tires, 65" Bucket ..... Selling Price $10,700.00, No Trade Cash Price $10,100.00
- New Gehl 4610 Diesel Flotation Tires, 65" Bucket ..... Selling Price $14,575.00, No Trade Cash Price $13,775.00

HARVESTERS
Harvesters Purchased With Cornheads Have Delayed Payment Until Sept. 1, 1985
- New CB 750 Harvester, Hyd. Knife Sharpener, Hyd. Spout Control And Hyd. Lift Cyl. Included ..... Selling Price $8,100.00, No Trade Cash Price $7,900.00
- New CB 1000 Harvester, All Elec. Controls, Hyd. Knife Sharpener, Tandem Axles, Lift Cyl. And Hyd. Hoses Included ..... Selling Price $10,750.00, No Trade Cash Price $10,450.00
- New CB 1250 Harvester, All Elec. Controls, Hyd. Knife Sharpener, Tandem Axles, Lift Cyl. And Hoses Included ..... Selling Price $12,800.00, No Trade Cash Price $12,450.00
- New HA 1100 6 Ft. Hay Pickup ..... Selling Price $1,995.00
- New HA 1200 7 Ft. Hay Pickup ..... Selling Price $2,850.00
- New TR 3038 Cornhead, 2 Row Narrow, One Only #9842 ..... Selling Price $2,995.00

FORAGE BLOWERS
Forage Blowers Have Delayed Payment Until May 1, 1985
- New FB 99 Blower With Heavy Duty 540 PTO .. Selling Price $2,475.00, No Trade Cash Price $2,400.00
- New FB 1540 Blower With Heavy Duty 540 PTO ... Selling Price $2,600.00, No Trade Cash Price $2,525.00
- New FB 1580 Blower With 1000 RPM PTO .... Selling Price $3,300.00, No Trade Cash Price $3,225.00

FORAGE BOXES
Forage Boxes Have Delayed Payment Until May 1, 1985
- New Gehl BU 960 Forage Box, 18 Ft. Steel Sides, 3 Beaters And Roof, 1 Only ..... Selling Price $5,850.00, No Trade Cash Price $5,695.00
- New Gehl BU 960 Forage Box, 16 Ft. Wood Sides, 3 Beaters And Roof ..... Selling Price $5,100.00, No Trade Cash Price $4,965.00
- Gehl 1006 10 Ton Running Gear With Adjustable Quick Hitch And 15x8 Rims ..... Cash Price $900.00
- Gehl 1060 12 Ton Tandem Axle Gear With Adjustable Quick Hitch And 15x8 Rims. Cash Price $1,295.00
- Gehl 606 6 Ton Gear With 15x6 Rims ..... Cash Price $475.00

GEHL MOWER CONDITIONER
- New Gehl MC 2160, 9 Ft. Cut, 1 Only, Delayed Payment Until May 1, 1985 ..... Selling Price $7,450.00, No Trade Cash Price $7,250.00

GEHL FLAIL CHOPPER
- New Gehl 7200 6 Ft. Cut Flail Chopper, Delayed Payment Until May 1, 1985 ..... Selling Price $5,375.00, No Trade Cash Price $5,235.00

GEHL ROUND BALER
- New Gehl RB 1460 Round Baler With Hyd. Twine Kit, Delayed Payment Until April 1, 1985 ..... Selling Price $9,500.00, No Trade Cash Price $9,175.00

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

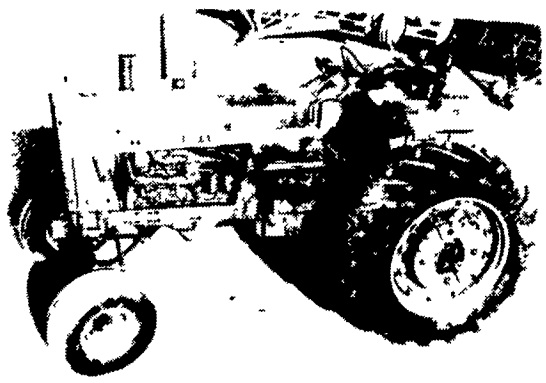
WAIVER OF FINANCE ON NEW AND USED TRACTORS Till June 1, 1985

OR CASH REBATES

(Tractors Traded On IH Sales Only)

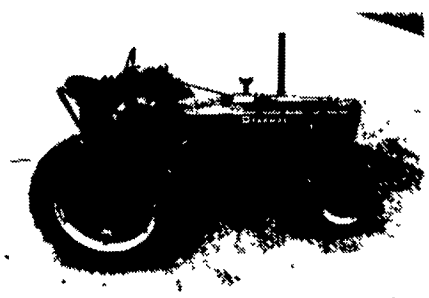
QUA I
USED TRACTORS N
Backed By Hoobe P

USED TRACTORS

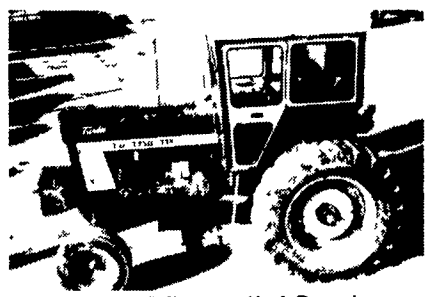


W9633, IH, F1026D Hydro, 18 4x38 Tires, Dual PTO, Clean Hydro Tractor

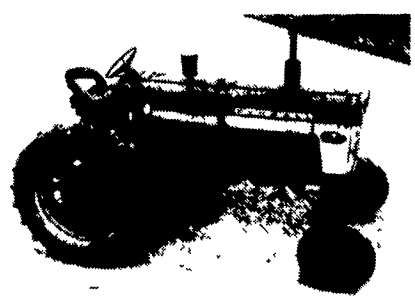
W8729 IH F1086D, 20 8x38 Tires, 3100 Hrs., ROPS Cab, Reconditioned **PRICE... '17,300**



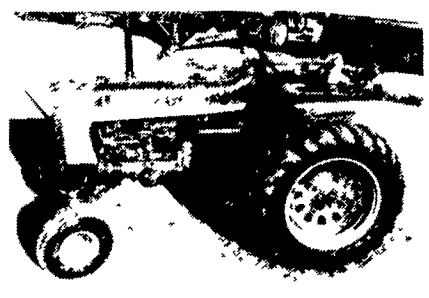
W9625 IH Farmall H, Excellent Paint and Mechanical Condition **PRICE... '1,300**



W9022 F1066D Tractor, Yr-A-Round Cab w/A C , 3998 Hrs., Dual PTO **PRICE... '13,500**

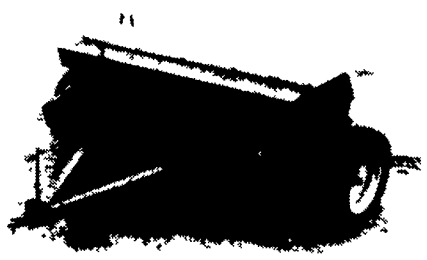


W9623 IH F560D, Wide Front, Fast Hitch



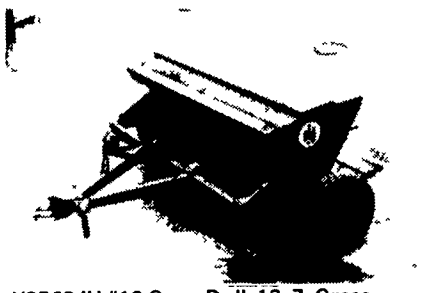
W9646 - IH, F856D Tractor, 18.4x38 8P, Dual PTO, 3 Point Hitch

USED TILLAGE



V9544 IH 510 Grain Drill, 16x7, Grass Seed, DD Openers

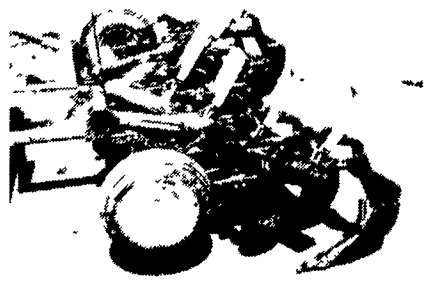
T9513 IH 55 Chisel, 11' Mounted, New Points



V9569 IH #10 Grain Drill, 13x7, Grass Seed **PRICE... '900**

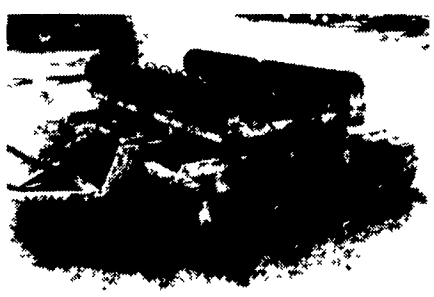
T9587 Miller 10' Offset Disc Harrow

T9023 Deere 215 Disc, 12'5", 9" Spacing, 22" Discs

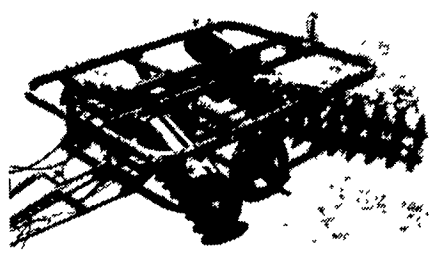


T8857 IH #14 Subsoiler, 7 Shank Automatic w/Coulters

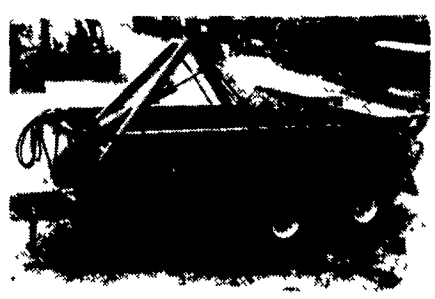
V8881 IH 510 Disk, 21x7 Combination, Single Disc Openers



T9595 Dunham Ultra-Mulcher, 25' Wing-Fold, 20" Packer Wheels, Field-Ready



T9074 Deere Model 210 Disc, 12 Ft., 9" Spacing, 20" Blades



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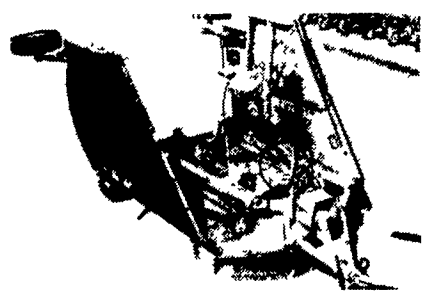

U8991 Rhino Flex XV Cutter, 540 RPM

U9611 JD, 15' Fl 1508

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C. B. HOOBER &

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OR CASH REBATES

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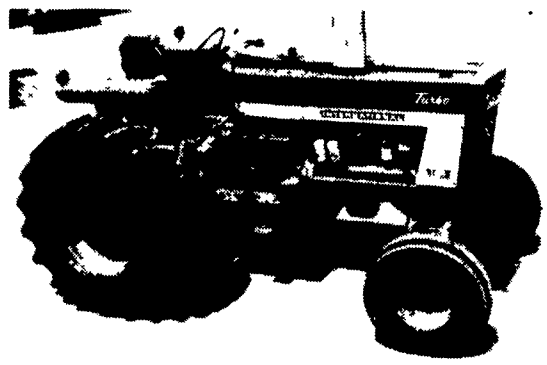
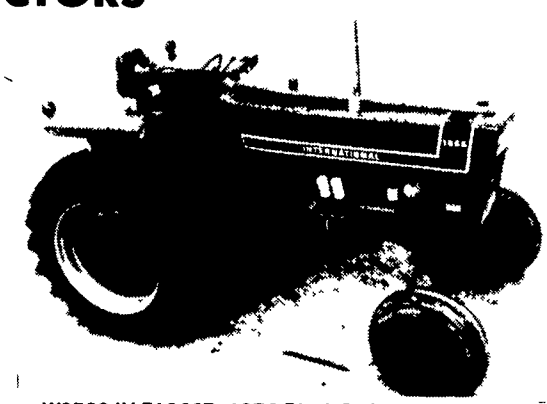
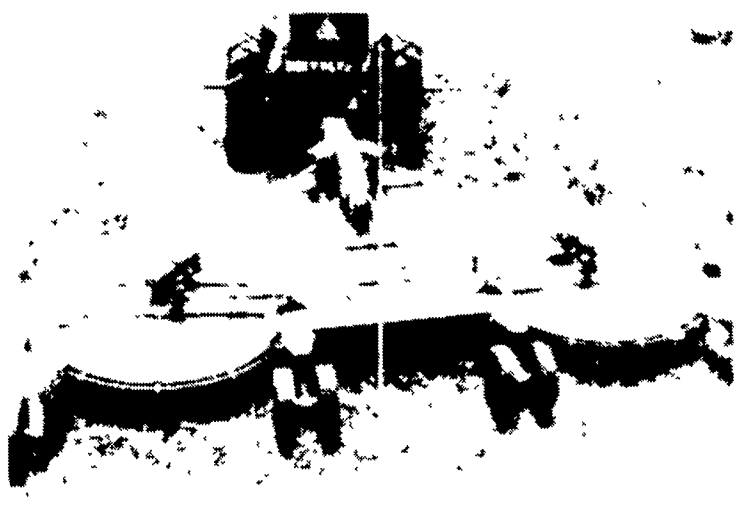


W9236 - IH F1466D, 24.5x32 Tires, Dual PTO, Aux Fuel Tank
PRICE... $14,800



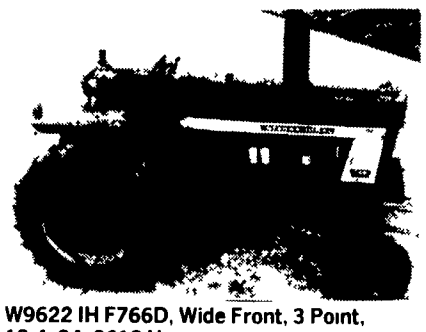
W9599 IH F1066D, 1976-Black Stripe, 3351 Hrs., 20.8x38 Tires, One Owner, Sharp
PRICE... $14,975

...Y CORN STALKS WITH A ...TER



...5' Fl...g Cutter, Model

U9609 5' 3 Point Hitch Cutter



W9622 IH F766D, Wide Front, 3 Point, 18 4x34, 3618 Hrs

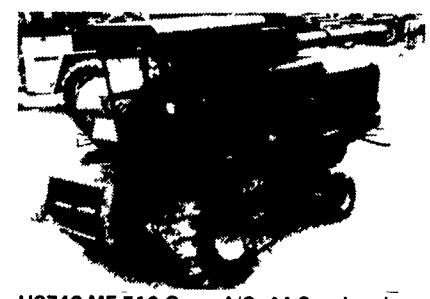
W9260 Versatile 150 Loader, Bi-Directional, A/C, 1977, 540 PTO
PRICE... $14,500

W9472 IH 84 Hydro, 16.9x30 Tires, 1216 Hrs., 1979
PRICE... $10,900

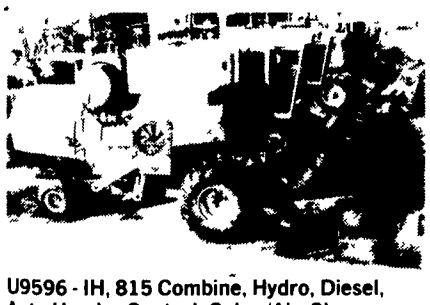
W9610 JD 8630 4WD, 20.8x38, PTO, Blade, 3 Pt. Hitch

USED COMBINES

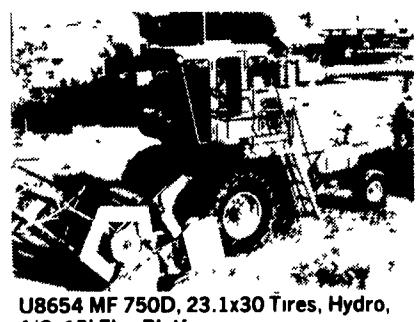
U9037 IH 715D Hydro, 18.4x26 Tires



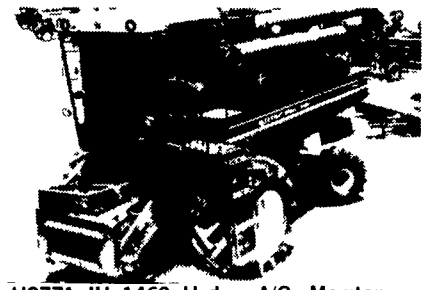
U8742 MF 510 Gear, A/C, 44 Cornhead & 13' Platform



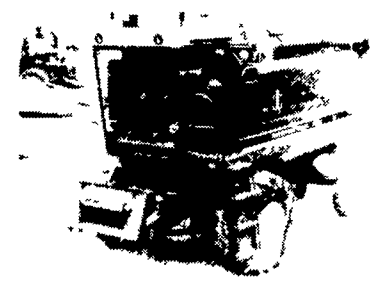
U9596 - IH, 815 Combine, Hydro, Diesel, Auto Header Control, Cab w/Air, Sharp 815 Priced To Sell Now



U8654 MF 750D, 23.1x30 Tires, Hydro, A/C, 15' Flex Platform

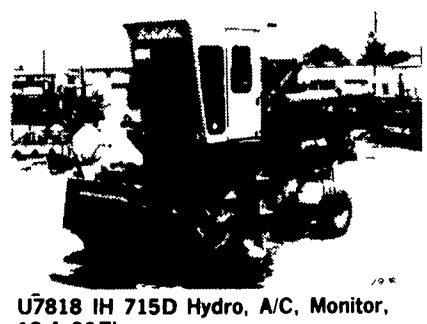


U8771 IH 1460 Hydro, A/C, Monitor 67.00x34.00x30 Tires, Grain Loss Monitor, 1981 Hrs.

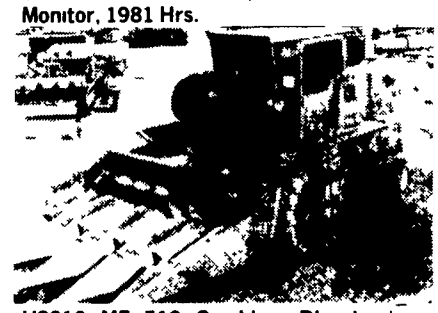


U9292 IH 1460 Hydro, A/C, Monitor, 28Lx26 tires, 2459 Hrs.

V9608 UFT 400 Bushel Grain Cart w/PTO Driven Auger
PRICE... $4,900



U7818 IH 715D Hydro, A/C, Monitor, 18.4x26 Tires



U8010 MF 510 Combine, Diesel w/ 1143 Cornhead

U7961 IH 915D, 28Lx26, 12.4x16 Tires, A/C, Monitor, AHC, 1475 Hrs.

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★ RADIO CONTROLLED TRUCKS FOR BETTER SERVICE.
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MF 410 COMBINE

Diesel, 4 row wide corn head, 13' grain head, good condition.
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Massey Ferguson

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IH 154 Cub w/Mower
AC WD
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MF 725 7' Mower Conditioner
IH 37 Baler w/Thrower
IH 540 Manure Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
MF 180 Tractor
(2) 5' Rotary Cutters
NH 270 Baler w/Thrower
NH 271 Baler w/Thrower
NH 450 Sycle Bar Mower
IH 8 Crop Chopper
AC Forage Harvester
NH 16' Forage Box
Gehl 65 Grinder Mixer
Gehl 2600 Skid Loader
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine
Gehl 600 For. Harv. w/2 Heads
Fox Blower
MF 65 Trac., Gas
MF 236 Loader
Gehl 4500 Skid Loader w/Backhoe Attach.

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NEW FORDS: 555A TLB, 4 WD, cab, torque convertor; 555 TLB /cab, torque convertor; 4610SU; 5600 4 WD; 1510; 1310.
FORDS: 550 TLB, 382 hrs.; 4500 TLB; 3500 TLB; 3400 TLB
USED: Ford 9600, 8000, 3000, 800, 8N, 5000, 3600; Kubota 225, 305; Int. 706, Cub, A Farmall w/loader, 2424 w/blade.
CARS & TRUCKS: House car, ideal for hunting camp, 27,000 miles, stove, refrig., sleeps 6; Ford ½ ton 1979; Ford 8000 Truck Tractor; Torro dump bed; Scout w/blade; White Road Boss w/Cummins engine; Rodgers 35' trailer.
IMPLEMENTS: Mathew's Chopper conditioner; NI 2 row Sheller; Ford mounted 1 row corn picker; NI 95 bushel manure spreaders; Brillion cultimulcher; Westgo stone picker; Ford Silage Blower 618; Ford 219 transport disc, offset 10' w/24" notched discs List Price $4,900. Special Price $3,000; Ford 240 transport disc, 10' 20" disks List Price $4,100 Special Price $2,500. AC corn picker, 14' rotary mower; Kasten spreader, 275 bushels; Uebler manure spreader; 3 pt. Cordwood Saws.

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MOORE NO-TILL DRILL
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Ford, IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant
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3350 Gallon
List $11,195.00
Sale **$5,700**

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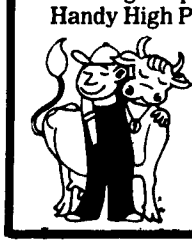
BADGER
3,350 gal. liquid manure tank
1,500 gal. and 2,300 gal. vacuum tank
210 & 330 Bushel Manure Spreader
Lagoon Pump
Lagoon Super Mixer
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Handy High Pressure Washers



Oswalt Mix Wagons
Grain Drill with band seeder
Post Hole Digger

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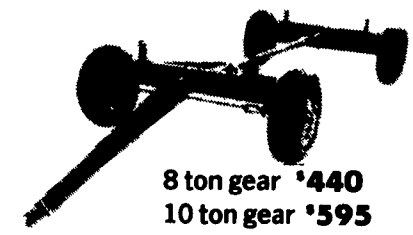
WAGON GEARS



8 ton gear $440
10 ton gear $595
12 ton tandem axle gear $900
Gears w/8"x15" rims 5' tongue
5'-7' Adjustable Tongue $25 extra

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10% to 20% Cash Discounts!

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(1) Vicon KM 321 Mower Cond., 10'6" Cut
(1) Vicon CM 165 Disk Mower, 5½' Cut
(1) Vicon 5 Wheel Rake
(1) Vicon 8 Wheel V-Rake
(1) Vicon RP 1210 Round Baler
(1) Vicon SP 450 Square Baler w/Thrower
(1) Vicon SP 460 Square Baler w/Thrower
(1) Vicon 230 Gal. 3 Pt. Field Sprayer
(1) Vicon 510 Gal. Trailer Sprayer
(1) Vicon 15 Ft. Power Harrow
(1) Vermeer 504H Round Baler
(1) Vermeer 605H Round Baler
(1) Vermeer 107 No Till Grain Drill, 10 Ft. Width
(1) Vermeer HL12 Bale Mover (Stacks Bales 3 High)
(1) Hedlund Martin 1263 Scavenger II Spreader

USED & DEMO. EQUIPMENT
(1) Vermeer 504H Round Baler
(1) Vermeer 107 No Till Grain Drill
(1) Haybuster 1068 No Till Grain Drill
(1) IH No. 10 Grain Drill, 16 Hole
(1) Vicon 1210 Round Baler
(1) Vicon 16 Ft. Hay Tedder
(1) NI 650 Lb. Fertilizer Spreader
(1) NI Manure Spreader w/Hyd. Endgate

NEW EQUIPMENT

TRACTORS
JD 750
JD 2150
JD 2350
JD 2750
JD 4050 SG, QR
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

COMBINES & HEADS
JD 643 Corn Head
JD 6620 Combine

OTHER EQUIPMENT
JD 1065 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump
Humdigger D9 3 pt. Backhoe

HAY TOOLS
JD 1219 Mower Conditioner
JD 327, 337, 347W Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
IH 1066 Tractor
IH 966 Tractor
JD 3300 Combine
JD 237 Picker
JD 14' Grain Platform
AC 200 Tractor w/Cab
JD 716 Forage Wagon
NH 770 Forage Harvester
Gehl 600 Forage Harvester
NH 1 Row Snapper
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
NH 791 Manure Spreader
AC K2 Combine
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planter w/Liquid Fertilizer

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DIESELS SALES & SERVICE
• Experience
• Reasonable Rates
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VH4D 30 hp for skid loaders
VG4D 37 hp w/clutch or reduction
VG4D 37 hp for haybine or skid loader

Guaranteed 1 Year

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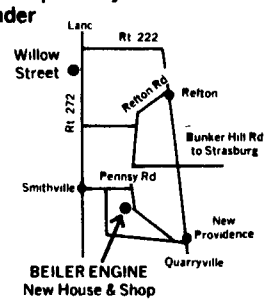

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NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan $6,650
NH 472 Haybine $6,500
NH 892 Chopper w/NH 824 Corn Head
NH 1600 Harvester w/4 Row C.H. & Pickup
NH 782 Harvester w/Manual Controls
NH L35 Skid Steer Loader for Rental
NH 38 Crop Chopper $3,975
NH 28 Blower $2,973
NH 238 Wagon $2,050

DON'T STORE YOUR FARM EQUIPMENT UNTIL YOU'VE ASKED ABOUT OUR '84 SPECIALS

'84 WINTER REPAIR SPECIALS

Free scheduled pickup and delivery on repairs over $500 done in our shop December and January

10% off on Repair Parts used on AC and NH Equipment
These specials apply only to bills paid within 15 days of the bill.

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BHM FARM EQUIPMENT, INC.
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Used Backhoes and Loaders

Int. 260-A backhoe
Ford 4500 backhoe
John Deere 400 backhoe (rebuilt engine)
Int. 2514 backhoe
Int. 3514 backhoe
John Deere 400 backhoe (rebuilt engine)
Int. 2514 backhoe
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Ford 9N loader
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At Reasonable Prices
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Till June 1, 1985

(2) JD 2150	(5) JD 2950
JD 2350	JD 4250
(3) JD 2550	JD 4450
(2) JD 2750	

JD 6600 Side Hill, coming in
750 MF w/14' platform, air cond., hydro, good $19,500
Used 443 corn head, late style
NI 314 2 row pull type sheller
NI #7 1 row corn picker
Waiver on New & Used

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USED TRACTORS

JD 4020 powershift, WFE, dual outlets, sharp
55 h.p. JD 2510 Gas, WF, very nice
33 h.p. JD 1050 tractor w/roll guard & canopy, 375 hrs like new
70 h.p. 6600 Ford w/dual outlets, 18 4x30 tires, weights, 1,044 hrs., dual power, like new $12,500
9N Ford
MF 65 tractor, good, new tires, $3,500
15 HP Satoh Beaver diesel, 4WD, $2,900
(2) JD B tractors, nice, $1,000 each
Farmall C w/mower, plow and front blade, sharp $2,650
Farmall H
40 h.p. AC D15 Tractor, 3 pt. hitch

TILLAGE

(10) 2, 3, 4, 5 bottom plows
10' Case transport disk
IH 401 harrow hyd. control, very good, $595
18' transport harrow
JD BWA disk harrow 17"

DRILLS & PLANTERS

JD 7000 conservation corn planter, 6 row dry fert., insecticide monitor
IH 13x7 drill, good
IH 56 4 row insecticide, nice, reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 540 planter, dry insect. disk

HAY, FORAGE & MISC.

NH 315 Baler w/thrower, 2½ yrs. old
IH 55 Forage Harvester w/corn head
IH hay crimper
IH 440 baler w/thrower, $2,650
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,750
NH #8 Forage Wagon w/8 ton running gear w/3rd beater & roof, excellent
JD 16A flail chopper, very good
Ford 3 pt. hitch mower
JD 483 mower conditioner
NH 479 haybine
(3) used forage blowers
JD 24T baler w/ejector
(2) used buck saws
JD 34 Spreader, 1 yr. old
(3) NH Spreaders

New Killbros Gravity Bins
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AVCO VM Diesel

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Portable Hydraulic Unit w/8 HP Engine & 100' Hydraulic Hose, To Run Elevators, Etc.
$600.00

USED EQUIPMENT
- Master G.M C. Rotary Cutter, 5 or 6 ft

TRACTORS

• Farmall H, Good Condition	750 00
• Int Super A w/Cultivator	1950 00
• Super A & Cub Snow Plows	200 00 ea

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14 5 HP (Model 650) Bar Tires
14 5 HP (Model 650) 4x, Turf
22 HP (Model 850) Turf
33 HP (Model 1050) Bar
45 HP (Model 2150) 4x
50 HP (Model 1450) 4x Now In Stock!
100 HP (Model 4050) PS, 2 Wh, 18 4x38 Tires
120 HP (Model 4250) PS, 4x, 20 8x 38 Tires
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USED TRACTORS

U. JD 2020 Utility w/Weights, New Tires, Nice.
U. Oliver 1450 Diesel.
U. JD "A" Antique (Restored).
U. JD "H" Antique (Restored) 2 In Stock-1 w/Cultivator
U. AC D14, Wide Front, Good Condition

★ NEW & USED MYERS UNIVERSAL LOADER SNOW PLOW!

★ JD & BERVAC 3 PT. SNOWBLOWERS!

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We Have A Full Line Of
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In Stock
At Special
OUT-OF SEASON PRICES!

Coming In!

JD 3940 PTO For. Harvester with 6311 Cornhead And 6331 Pickup— Excellent Condition!

HUGE COMPANY SAVINGS on NEW HOLLAND SPREADERS

PLUS...
OUR OWN LOW PRICES GIVE YOU THE BEST DEAL POSSIBLE!
Models In Stock...
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CLEARANCE $925

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LONG

(2) New Long 610, DT 64 HP - $12,300
(2) New Long 610, 64 HP - $10,250
New Long 510, 48 HP - $8,550
New Long 310 28 HP - $7,000
Long 1549 loader - $2,400
New Long 310 DT - $8,700
New Long 3 pt. Backhoe
1553 Traveler Irrigation

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

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MODEL 710

- 8½ HP CONT. at 2,000 RPM
- 12 HP SAE at 2,000 RPM
- 11 HP CONT. at 3,000 RPM
- 15 HP SAE at 3,000 RPM

STANDARD INDUSTRIAL SPEC.
Four cycle air cooled single cylinder diesel engine with rope start, oil filter, oil bath air cleaner, muffler, engine mounts, manual throttle and stop levers, fuel tank, manual compression release, dynamic balancing, rope, tool set, maintenance and parts manual.

List Price... $1635.00

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While Supply Lasts

Starter And Alternator Available
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JD 4630 Tractor
JD 4440 SGB
JD 4430 Trac. w/row crop fenders
JD 4020 Side Console, WF
JD 4010 w/WF
JD 2640 Tractor
JD 2840 Tractor w/year round cab
Used JD 2640 Tractor
Used MF 135 Trac.
Used JD MT Trac.
Used JD 300 & 317 Lawn & Garden Tractors
Used Ford 3000 Trac. w/front blade
Ford 3000 Tractor
MF 65
Oliver 1950 Tractor
JD 7000 6 Row Planter w/Dry Fert
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
Vemeer Rd. Baler
JD 3800 Chopper w/2R corn head
JD 24T Baler w/ejector
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
JD FB Grain Drill
John Blue Fert. & Lime Spreader
John Blue 400 gal. Applicator
JD 4400 Combine w/Platform & C.H.
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 2 Bottom Plow
NH Rake
JD 660 Rake
Used Hay Wagon
Used JD 115 Chuck Wagon

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Case 1070 w/Cab	MF 1085 w/Turbo
Case 970 w/Cab	IH 656
Case 1190 w/56 Loader	IH 656 w/Loader
Case 400 Diesel	Farmall H
Case 1150 High Lift	JD 4020 w/Turbo
Case 580 D w/Log Forks	Minn.-Moline Model "U"
MF 1135	

UNI-LOADERS:

Case 1830
Case 1537 w/Deutz Diesel
Case 1845 Diesel
Case 1845 Gas
Case 1830
Gehl 4500
Gehl 4600

TILLAGE EQUIPMENT:

Ford 5-Bot., 16" Plow
JD 4-Bot., 16" Plow
JD 3-Bot., 14" Trailer Plow
Case 4-Bot., 14"
Case 4-Bot., 16"
Oliver 18 Ft. Disk
Case 8 Ft. Disk

case | GEHL | KEWSTON | SAME

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COMPLETE RUNNING ENGINES ALL FAN TO FLYWHEEL

AC 190XTD - Coming in
AC 7000 301 Cu. In. w/Turbo - $4000
AC 220 - 426 Cu. In. - $4000 w/Turbo
AC D19 - 262 Cu. In. - $2000 w/Turbo
Case 1070 - 451 Cu. In. - $3500
Case 1030 - 451 Cu. In. - $3500
IH 1066 - 414 Cu. In. - $4700 w/Turbo
IH 1206 - 361 Cu. In. - $4300 w/Turbo
IH 806 - 361 Cu. In. - $3700
IH 560 - 281 Cu. In. - $2200
IH 560 Gas - 263 Cu. In. - $1600
IH 856 - 407 Cu. In. - $4500
Ford 6000 - 223 Cu. In. - $1750
JD 4430 - 404 Cu. In. - $5000 w/Turbo
JD 4020 - 404 Cu. In. - $4000
Oliver 1800 - $2800
Oliver 1750 - 310 Cu. In. - $3500
Oliver 2150 - $4500 w/Turbo
IH Hydro 70 - 312 Cu. In. - $3400

LOTS MORE NOT LISTED

HAYBINES
NH 478 | IH 1190

BALERS
NH 315 w/Thrower
Ford 530 | Case 220
Extra Throwers | NH 66

TRUCKS
1970 Ford 900 Single Axle Construction Dump $7700
1947 Ford Fire Truck $2950

WAGONS
Metal Bale Throw Racks
Flat Bed Wagons

HAY TEDDERS
JD-Grimm-Nickelson
Niemeyer

DUALS
18.4x34 MF
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On

FORAGE WAGONS
JD 214 | NH 7
Fox 625 | Gehl

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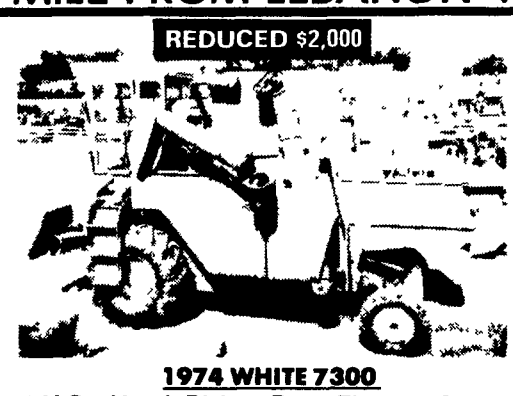

1974 WHITE 7300
13' Qt. Head, Pickup Reel, Floating Cutter Bar, Reel Lift, Clean, Original
ONLY $7450
3 & 4 Row Heads On Stock

HARVESTER HEADS

NH Pickup for 717-770-818-880-890
NH 1X Corn for 717-770
NH 2x30 Corn for 717-770
NH 1X Snapper for 770-717
NH 2x30 Snapper for 880-890
NH 3x30 for 880-890
NH Cutterbar for 880-890
JD 243 2x30 Snapper
JD 3x30 Corn for 38-3800
MF 3x30 for 260
JD 2x30 Corn for 38-3800
NH 2x40 for 880-892
JD Pickup for 38-3800
Fox 2x30, 2x40, 3x30 Snapper Head
Fox 2x30 Corn
Fox Pickup
IH 2x30 Corn for 50 thru 650
IH Pickup Head for 15-16-350-50 thru 650
IH Cutterbar for 50 thru 650
JD Pickup for 3940 or 5440
JD 34 Cutterbar
JD 2x40 for 38-3800
Gehl 3x30 Belted
JD 34 Pickup
NH 2x40 for 717-770
IH 3x30 Belted

HARVESTERS SELECTION

MF 260 w/3x30 Head
IH 550 w/Heads
Fox Super 1000 w/Heads
JD 38 w/Heads

EXTRA COMBINE GRAINHEADS

AC, K, E
JD 40, 45, 55, All QT
IH 91, 93, 105, 203, 205, 315, 303, 615, 815, QT
MF QT For All | Case 600, 660, 960
Oliver 525, 535, All QT | NH All QT

CLEAN COMBINES Priced Reasonable

IH 82 Pull Type
JD 6600 Diesel Hydro
Gleaner "G"
IH 205
JD 3300 Diesel
IH 315

MAKE AN OFFER

MF 750 Diesel
White 7300
Case 600
IH 615 w/800 Head
MF 72 w/Heads

USED PARTS

East Coast's Best Selection

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(100) COMBINES - DISMANTLED FOR PARTS
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IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper-60
Gleaner CII-EIII-A-E-60-F
Uni 705-704-702-701-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535 Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED FOR PARTS
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IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 890-880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLED FOR PARTS
NI 331-311-305-10-7-323
Ford Blue 1 Row & 2 Row
JD 237-227
Woods
IH 2MHD-2MH-2ME-234

HAYBINES - DISMANTLED FOR PARTS
IH 225-201-990 | OMC 29-25
Hesston PT10 | NH 490-460-479
JD 480 | Case 950

CONSTRUCTION - DISMANTLED FOR PARTS
AC HD3, HD4, HD5, HD6, 1600, 655, 816
Case 310, 320, 350, 530, 580, 680, 580B, 1000, 420, W3
Cat D2 5U
Cat D4 7U, 6U
Cat 933 11A, 42A
Cat 955H 60A
Cat 977 20A
Ford 4500-5500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010, 2010
JD 440A, 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500, 1010, 440
Oliver HG, OC3
MF 202, 302, 200

(50) BALERS - DISMANTLED FOR PARTS
JD 336-214T-24T-14T
MF10
NH 280-271--269-78-69-68-67-66-77
AC 303
IH 57-47-37-27-55-45
Case 230-200
Oliver 720
Ford 530

LOTS OF OTHER ITEMS NOT LISTED

FARM TRACTORS THAT HAVE BEEN DISMANTLED FOR PARTS (Over 2000)

AC. 7000-220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.

Case: 1070-970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.

Ford. 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-8N-Etc

IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.

JD: 4430-5020-4520-4020-3020-2520-2020-5010-4010-3010-2010-2510-1010-435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.

MF: 1130-1100-1080-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.

Long: 560-460-445-360-350-Etc.

MM: G1000 Vista G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc

MH 444-44-33-101-30-22-Junior-Pony-Etc.

Oliver: 1950-1850-1755-1750-1650-1550-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY

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PROMPT SHIPMENT — CASH SALES ONLY

OVER 100 ON STOCK

COMBINE CORNHEAD SPECIALS

AC 2 Row for A, E, K, E^{III}, F - From $500
AC 3 Row for A - $2500
AC 4 Row for G, C, C^{II}, L, M, F - From $750
AC 6 Row for C, C^{II}, G - From $2500
JD 2 Row for 40, 45, 55, 95, 3300, 4400 - From $200
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc. - From $850
JD 6 Row for 6600, 7700, Etc. - From $5950
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715 - From $350
IH 3 Row for 203, 205, 315, 403, 715, QT - From $850
IH 4 Row for 403, 715, 815, 915 - From $1000
IH 6 Row for 815, 915 - All QT - From $3500
MF 2 Row for 300, 410 - From $200
MF 3 Row for 300, 410, 510 - From $1000
MF 4 Row for 410, 510, 750, 760, Etc. - From $1500
MF 6 Row for QT - $3000
Oliver 2 Row for 25,525 - From $250
Oliver 3 Row for 525, 535, All QT - From $1000
Oliver 4 Row for 545, 555, All QT - From $1000
Case 2 Row for 600, 660 - From $250
Case 3 Row for 600, 660, 960 - From $1500
Case 4 Row for 1160 - $875
NH 4 Row for 975, 985, All QT - From $2000

MAKE AN OFFER

MUST REDUCE INVENTORY

Come Look, No Reasonable Offer Refused

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JOHN DEERE TRACTORS

A w/Widefront $1575
(2) G ..... Choice $1575
B-Unstyled $1575
720 ..... $2450
720D-WF-3 pt.-Nice $3500
R-New Paint $3500
730D-Try-3 pt.-Direct Ele. $3950
820-2 Cylinder-Clean $4250
4020D-Diff.-1967-As Is $6200
650-4 WD w/Mower-200 Hours $6500
4430-4 Post-20.8x38-1975 ..... $7900
4520-Nice $8800
4020 Diesel-Console-Clean $9950
4320-4 WD $11,200
7520-4 WD-Nice-Air-3 pt. & PTO ... $14,900
4230-4 WD-Cab-Quad-Excellent ... $16,800

FARMALL TRACTORS

H-Fenders-Clean $1475
Cub Lo Boy-As Is $1750
560 Gas-New Paint-As Is $2500
154 w/Mower & 3 pt. $2500
340-Try-PS-FH-Nice $2950
184 w/Mower $3000
350D Utility w/Loader & Plow $3450
560-D-WF-FH $3750
560D-Clean-Wide Front-FH $4500
806D w/Cab $5900
70 Hydro.-As Is $5900
1206 w/Cab-As Is $5950
806D w/Cab $6500
1066 w/Rops-No TA-1974 ..... $6700
656D-Hydro-Clean $6950
856 w/Cab $7950
1466-Cab-Nice-1971 ..... $9700
584 Diesel-1980-1100 Hours $9800
1066 w/Cab & Duals $10,300
1466-Cab-Air-Nice-Weights-1973 .. $10,800

FORD TRACTORS

6000D $2500
3000 Gas w/Loader $5950
4400 w/Loader $6400
5000D-1973-High HP $6450
6600D-Flat Deck-1976 ..... $8400
4600D-1981 ..... $8900
6700D-1977 ..... $9400
9700 ..... $17,800

CASE TRACTORS

1070 w/Cab-As Is $5450
1030D w/Cab $5750
1030 w/Cab-Clean-Low Hours $5950
970D w/Cab-Sharp $7950

ALLIS CHALMERS TRACTORS

D14 w/Loader-Nice $3500
D19D-WF $3500
D19D w/Loader $3900
(2) 7000-As Is-Rops ..... $4900 ea.
7000-As Is-Cab $5900
190 XT $5950
220D w/Cab-Very Nice $8950
200 w/Cab-1975-Low Hours $8950

WHITE TRACTORS

1800D-WF-3 pt. $3900
MM Super 670 Gas-Clean $3950
Oliver 1750 w/Cab-As Is $4950
Oliver 2150 w/Cab-Nice $6950
1355 w/Loader-Sharp $7950
2-62-1980-Low Hours $9900

MASSEY FERGUSON TRACTORS

30-Needs Tune Up $1650
Ferg 20 w/Loader $2500
Ferg 30 w/Loader-Nice $3750
165 w/Loader-Gas $5950
1080D-1969 ..... $6900
1085D-1977 ..... $7900
165 w/Loader-Diesel $7950
1805 w/Cab & Duals-1975-Nice $15,950

DEUTZ & LONG TRACTORS

Deutz 6806-Orchard Special $6900
310 4 WD w/Loader ..... New
360 4 WD ..... New
460 4 WD ..... New

POTATO EQUIP.

Iron Age 2X Planter
1 Row Digger

TRANSPLANTERS

2 Row - Pull & 3 pt.

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt. $385
5' 3 pt. $395
6' 3 pt. $645
7' 3 pt. $1395
4' pull. $545
5' pull. $595
6' pull. $795
7' pull $1495
5' 3 pt. Estate-Hd $1295
6' 3 pt. Estate-Hd $1395

3 PT. ROTOVATORS

52" $1045
60" $1095
72" $1395
88" $1695

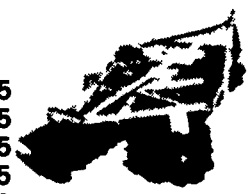
MORE SIZES AVAILABLE

3 PT. SCRAPERS, ETC.

6' Blade $175
7' Blade $195
8' Heavy Duty Blade $595
6' Landscape Box. . . $495
7' Landscape Box. . . $595
6' Stone Rake $495
7' Stone Rake $550
8' Stone Rake $595

OTHER NEW BARGAINS

3 pt. Cement Mixers. $695
6½' 3 pt. Disc. $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole-H. Duty. $179
12" 3 pt. Post Hole Digger-H. Duty $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1495
1200 Bushel Corn Crib $895
3 pt. Hay Rakes-& Tedders. $495
6 Ton Wagon. $450
8 Ton Wagon w/Extra's $550
10 Ton Wagon w/Extra's $625
11 Ton Tandem Wagon w/Extra's $895
3 pt. Woodsaws $450



SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt.
11' Drag

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 325 w/Super Sheller
NI 325 w/12 Roll Bed
NI 323-Demo
(2) NI 323 - Used
NI 10 1X Pull

PLOWS

JD 145 4x16 Semi
JD 145 5x16 Semi
IH 4X Pull
IH 3x16 FH
MF 5X Semi
JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
JD 1X Reset Add On
AC 3X SC
Oliver 2X 3 pt
Oliver 3x14 3 pt.
Ford 2x12" 3 pt
IH 1X FH
IH 4X Reset - Semi
IH 2X 1 pt. FH
IH 710 - 6x16
White - 4x16 Reset
White - 5x16 Reset
IH 1X Cub
IH 550 5x16 Semi
IH 710 5x16 Semi

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

LOADERS

MF Off 165
Loader Off AC D19
IH 34 Off 340 Utility
Ford Off 8N
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Loader Off MF 202

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
Ford 3 pt Sickle
Mott 3 pt 6' Flail
Woods 42" For Cub
JD 5' 3 pt Rotary
Mott 4' 3 pt. Flail
6' 3 pt Bush Hog
Deutz Fahr KM 22
IH 3 pt. Sickle

DISC'S

MF 20' Transport
Kewanee Rock Flex-13'
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag
IH 350 Transport-13'
Oliver 10' Transport
JD Plowing Disc

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt.
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt.
IH Super "A"
IH 468 4X Front Mtd.
Pittsburg 6X 3 pt.
IH 4X Front Mtd.
JD 6X 3 pt.

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach
NI Super Sheller Attach
NI 317 Grinder Attach
NI 318 Grinder Attach
IH 234 Sheller Attach

FLAIL CHOPPERS

NH 36

SPREADERS

NH Tandem Axle-250 Bu.
Clay 1500 Gal. Honey Wagon w/Injectors

MISC. EQUIP.

(2) 4X Pull Stalk Chopper
Lely Pull Fertilizer Spreader
Lely Roterra
Danuser 3 pt. Post Hole Digger-Heavy Duty
Swartz Mixer Wagon
Corn Drags
Ferg 3 pt. Rake
Hesston 10 Stacker
JD 8300 Drill
LG 36' Elevator
IH 5100 Drill
IH Cub & 140 Attachments

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 3x30 Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head

FIELD CULTIVATORS

IH 12' 3 pt. | JD 18' 3 pt
JD 12' 3 pt. | Glenco 13' 3 pt.

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Pull-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt.
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
MF 2X 3 pt.
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
IH 1206 Cab
JD 2 Post Rollbar
JD 4020 Cab
DB 1200 Cab
Case 1030 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
Oliver 1750 Cab
AC 7000 Cab

CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. $1495

SKID STEER LOADERS

IH 4150 Diesel . $8300
Gehl - As Is $1900
Melroe 731D .. $6800
Case 1740D ... $5800

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From $38,600
(3) Mack 20 Ton Rock Trucks... $84,700
Mack 35 Ton . $44,900

FORKLIFTS

Int. 4500B-21' .. $12,600
4000 lb., Solid Tires, Side Shift $2300
Clark 8000 lb. $6900
Toyota 8000 lb. Diesel $14,500

RUBBER TIRED LOADERS

Ford A62. .. $26,200
AC 605B $27,600
Case W9 .. .... $8900
Trojan $7900

BACKHOES

Ford 4500 . . . . $9600
Ford 5500 ..... $12,800
Ford 800 ..... $5600
Case 580C $19,800
Case 580C $18,400
Case 420-As Is.... $3500
Case 580B $13,500
Case 580B $13,250
IH 3800 ..... $9900
MF 202. ..... $4900
Case 580B $13,400
Case 580-As Is.... $5900
Case 580-As Is.... $6100
Case 530-As Is.... $5400
JD 310 ..... $13,700

LOG SKIDDERS

Athey $9200
JD 540 ..... $10,700
JD 540A-1972 .. $11,800
Clark 666B-1975 w/Grapple .. $19,700
JD 640 w/Grapple .. $29,900
JD 640 .... .. $28,900
Dunham-1975 ... $8900
JD 440C-1980 $25,300
JD 440C-1978 $23,800
JD 440C-1978 .. $23,600
Prentice G Log Loader $7900

DOZERS

JD 430 . . . $4800
Cat D8H . $24,700
Cat D4C . $12,700
IH TD6-62 Series.... $5900
Case 350B-6 Way-1979 $18,200
Case 350B-6 Way..... $18,600
Case 350-6 Way-Winch $7800
Oliver HG-Bare $1800
IH 340 6 Way . . $3900
AC HD5 w/Ripper . . $3900

TRAILERS

1985 2X 4 Ton.... $1495
1985 3X 9 Ton.... $3900
1985 2X 12 Ton. . $5800
1984 2x6 Ton..... $3250
1980 12 Ton Tilt Top $6100
9 Ton Gooseneck . . $3450
1981 Delta 48' Drop Deck. $14,950

BACKHOE ATTACHMENTS

JD - Ford - IH - Case-AC - Long - Sherman

CRAWLER LOADERS

Oliver HG. $2400
JD 350B w/Backhoe $16,600
IH 125E $23,700
Cat 941 w/4 in 1 bkt $23,700
JD 450C w/Ripper.... $16,500
JD 1010 w/Ripper $6900
AC HD3 ..... $6900
Cat 933G..... $6700
IH 100C w/4 in 1 ..... $13,600
IH 150 w/Cab..... $8900

TRACTORS WITH LOADERS

Oliver 1355 . .... $7950
Ford 4400 . . $6400
AC D14 .. . . $3500
MF 165. . . . . $7950
Ferg 20 . . . . $2500
IH 350 ... . . . $3450
MF 165. . . $5950
Ferg 30 . . $3750
Ford 3000 $5950

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

1 FARM EQUIPMENT

For Sale: JD 2840, dual hydraulics. 814-793-4293.

For Sale: MF 255 tractor, like new condition. 215-445-4410

MF Massey Ferguson

NEW EQUIPMENT IN STOCK

"SEASONS GREETINGS"

MF 1010 4 WD Tractor, 16 h p
MF 1144 Corn Head
MF 1020 4 WD Tractor, 21 h p
MF 218 5' Rear Mount Mower
MF 222 5' Rear Mount Blade

USED EQUIPMENT

MF 510 Combine
1978 MF 750 Combine, Less Than 1200 Hrs
1977 MF 760 Combine w/6 Row Corn Head & 16' Table, Less Than 1000 Hrs
MF 300 Combine w/2 or 3 Row Corn Head & 13' Table
MF 730 12' Offset Disc, Demo
MF 2, 4 & 6 Row Corn Head
Wisconsin VE4 4 Cylinder Engine
MF 222 Corn Head
MF 165 Tractor 1973
MF 285 Tractor w/Cab
Ford 1500 Tractor, 4 WD
1973 Ford 4000 Tractor
Allis Chalmers D14 Tractor w/3 Btm Plows

Taking Early Twine Orders

Radio Dispatched Service Renting skid steer loaders.
We service all makes of equipment

MF Massey Ferguson
Your Business Machines

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

USED EQUIPMENT

HAY EQUIPMENT
N.H. 469 Haybine
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
N.H. 495 Haybine
N.I. 456 Round Baler

COMBINES
Gleaner KKS Combine (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
MF 300 Diesel w/10 Ft. Head And 2-Row Cornhead
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
M.H. 82 Combine w/ 12 ft. Header

MISC.
N.H. 357 Grinder Mixer (nice)
N.H. 354 Grinder Mixer
Model 200 Automatic Roller Mill

FORAGE
N.H. #707 Forage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
IH 550 Forage Harvester w/Heads
N.H. Super 23 Forage Blower
N.H. 880 R2 Cornhead
N.H. 880 N2 Cornhead
N.H. 770 R2 Cornhead
N.H. 890 W pickup
N.H. 890 N3 Cornheads

JUST TRADED
New Idea 709 Uni Tractor With Rear Wheel Assist

USED UNI EQUIPMENT
705D Uni Tractor Fully Wgted. w/Cab
702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
767 Uni Super Chopper
(2) 760 Uni Chopper
(4) 766 Uni Pickup Heads
763 3-Row Narrow Chopper Head
(2) 762-Uni (2 Row) Chopper Heads
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft. Flex Grain Head

MANURE SPREADERS
N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att. and Hyd. Endgate
Hawk Built 187 Tank Spreader
N.H. 518 Spreader w/2B

USED TRACTORS
AC 7020 P.S. w/Cab & Air
AC 180
AC 6080

ALLIS CHALMERS

A Distributor of CENTRAL TRACTOR FARM & FAMILY CENTER

AVCO NEW IDEA

SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

USED TRACTORS

USED TRACTORS USED TRACTORS USED TRACTORS

1978 AC 7000 w/Cab & Air
1978 Case 1845 Skid Loader, Gas Engine, Ex. Cond., New Short Block
1976 Case 1845 Diesel Engine, Complete Overhaul, Ex. Cond.
1980 Case 1845 Diesel, Ex. Cond.

Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185

USED EQUIPMENT

IH 656 Tractor
Disk Harrows
Grain Drills
(2) IH 584
M&W No-Till 14 ft. Drill
IH 186 Hydro
4 Bt. 3 Pt. Hitch Plow
4 Bt. 2 Pt. Hitch Plow
Used Combines
AC 7000
IH 544
IH 70

Norman Bright Inc.
45 Evergreen Road New Egypt, N.J.
609-723-0300

NEW EQUIPMENT SPECIALS

- Landoll 7 Shank Soil Controller, Demo $4500
- Amco F17 Disk Harrow, 12 Ft., Demo $5700

USED EQUIPMENT SPECIALS

- NI 323 1 Row Corn Pickers ..... $2200 ~~$2700~~ - ~~$3800~~
- NI 325 2 Row Corn Pickers ..... $5000 ~~$5900~~

10% Financing on Used Ag Tractors

USED EQUIPMENT

TRACTORS
Ford Jubilee
White 4-150
Ford 3000
Case 1090 18 4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd 20 8x38
Case 2090 Cab
Agri Power 9000
JD 50
JD 4440
JD 3010
Case 1390

FORAGE
Gehl 99 Blower
Gehl 910 box/roof
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter
IH 51 Forage Box
Fox 300 Harvester

INDUSTRIAL LOADERS & BACKHOES
Case 580B Backhoe
Case 480 Gas
Case 1737 Uniloader
Hough HFH
Ford 3500 Diesel
AC 640 Loader
Case 1835 Uniloader

MISCELLANEOUS
Martin 2000 Liquid
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt Mechanical Transplanter
Wetmore 878 Grinder Mixer
Case 12' Field Cultivator
ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
JD BWA Disk
OMC 217 Mower-Conditioner
Sauder Loader
13 ft Chisel Plow
270 Cut-Ditioner

SPREADERS
NI 206
NI 213
NI 214
NI 218
NI 224
JD 54

NEW IDEA
325/314 Picker Sheller
325/327 Pickers
702 G Power Unit
710 Combine
743 N Head
767 Harvester

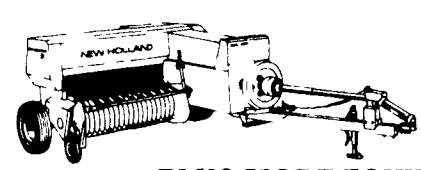
A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

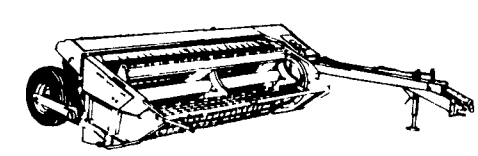
case AVCO NEW IDEA GEHL Gets into your system BUSH-HOG

DEPENDABLE MOTOR CO.
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH 311, 3 Point, PTO Baler, Hitch and Chute	ONE ONLY	$7120
NH 256 Rubber Tine Rake		$2300
NH 258 Steel Tine Rake		$2750
NH 499 Haybine		$15,900
NH 316 Baler w/70 Thrower		$10,950
NH 489 Haybine		$8500
NH 456 Mower		$2470
NH 718 Harvester (Demo)		
NH 782 Harvester, Metal Detector (Demo)		
NH 30 Blower		$2865
NH 28 Blower		$2915
NH 770W Pickup Head		$1925
NH 8 Forage Box, 3 Btr. and Roof w/234 Wagon and 13:50 Tires, Adjustable Tongue		$6875
NH 355 Grinder Mixer, Hydraulic Drive		$7430
NH 425 Skid Loader 60" Bucket, 10:50 Tires		$12,675





PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL JULY 1, 1985 & FORAGE EQUIPMENT TILL SEPT. 1, 1985 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984 OR CASH REBATE

SPERRY NEW HOLLAND

DEPENDABLE IS MORE THAN OUR NAME

WET LIME SPREADER

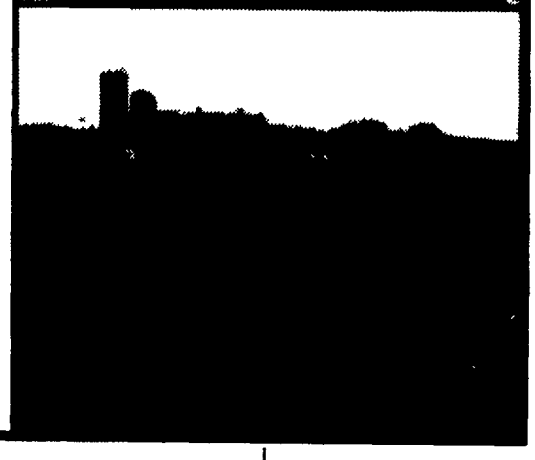
Some farmers are saving as much as $16 per ton spreading their own lime!

- Spread it when you want it spread
- Rugged construction, built to last
- Great for fertilizer, poultry waste and similar material
- Truck mounted in 9' to 14' lengths
- Tractor drawn in 2, 5, or 8 ton models

SOWER SPREADER

With today's prices you can't afford to waste fertilizer.

- Accurate, even spreading, as much as you want right where you want it.
- Designed for all types of dry, free-flowing materials such as dry lime, rock phosphate and fertilizer.
- Truck mounted or tractor drawn



Buy direct from the factory for the best price!

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MANUFACTURING, INC.
"Leaders in the field for over a quarter century."

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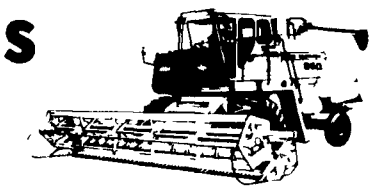
P.O. Box 527, Morgantown, PA 19543

THIS YEAR'S BIGGEST DISCOUNTS

DURING N.H. FLICKER & SONS December Off-Season Sale!



Model	Was	SALE
MF 205 Diesel Tractor, Ag tires, 20 HP, 2 Wheel Drive	$6,475	$5,275
MF 1010 D, 2 Wheel Drive, Turf Tires, 16 HP Tractor	$6,390	$4,995
MF 1020 D, 2 Wheel Drive, Ag Tires, 21 HP Tractor	$7,250	$5,375
MF 240 D, 8 speed, stand. clearance, 34 HP Tractor	$12,625	$9,625
MF 290 D, 8 speed, Row Crop, Ind. PTO, 65 HP Tractor	$22,800	$15,600
MF 294 D, 4 Wheel Drive, 67 H.P. Tractor	$26,985	$18,800
MF 298 D, 8 speed, Stand. Clearance, 78 HP Tractor	$25,900	$18,000
MF 699 D, two wheel drive, platform, 85 HP Tractor	$27,900	$19,500
MF 3525 D, 2 wheel drive, Cab, Row Crop, 105 HP Tractor **(Special allowance on 2000 series trade-in)**	$42,575	$29,800
MF 3525 D, 4 wheel drive, Cab, 105 HP Tractor **(Special allowance on 2000 series trade-in)**	$51,800	$41,000
MF 129 Chisel Plow, 10 foot	$2,775	$1,750
MF 233 Disc, 12 foot	$5,895	$4,995
MF 925 Mower Conditioner, 9'	$9,250	$5,800
MF 226 Blade, 7'	$606	$495
MF 1014 Loader	$2,495	$2,195
MF 860 D Hydro Combine, MF9115 15' Head, MF UII Reel, MF 1163 Cornhead (6 Row)	$122,320	$89,000

PRICES ARE CASH, NO TRADE. PLEASE INQUIRE FOR BEST PRICES IF TRADE IS INVOLVED. SALE PRICES ARE FOR DEALER INVENTORY ONLY! SALE PRICES EXPIRE DECEMBER 31, 1984

MF Massey Ferguson

N.H. FLICKER & SONS, INC.
Box 68, Maxatawny, Pa. 215-683-7252

Nothing runs like a Deere

JOHN DEERE

TRACTORS

JD 8450 4WD w/Duals, 200 Hours, 3 pt. Hitch & PTO $69,000
JD 2240 w/1200 Hours $11,200
JD 3010 Gas, Wide Front $4,700
JD 2950 4 Wheel Drive, 450 Hrs. $26,500
Ford 8N
SAME 80 HP 4WD, 900 Hrs. $12,500
JD 4030 1977, 2500 Hrs., RG Quad Range, New Tires, Ex. Cond. $13,900
Farmall 460 ..... Coming in
IHC 82 Pull Type, Ex. Cond. ..... Coming in
Case 1390 1981 Model, 4 WD w/94 Hours. $12,500

COMBINES

JD 6600 Side Hill With 1600 Hours $34,500
JD 6600 Diesel $13,500
JD 40 Square Back w/10 Ft. Platform
IHC 205 w/Cab, 10 Ft. Platform and 2 Row Cornhead ..... SOLD $7,500
JD 6600 1978 Side Hill Hydro. ..... Coming in
JD 6600 Gas ..... Coming in

Corn & Grain Heads Available
2 JD 35 Harvesters
2 JD 38 Harvesters
4 JD 3800
Heads Available

WINELAND EQUIP. INC.
JOHN DEERE
RD2 Rte 164 East
Martinsburg, PA 16662
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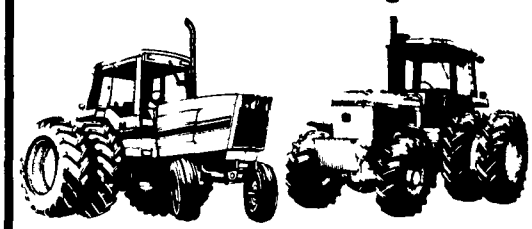
HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

JD 8630, 1976 cab and air, factory cast duals, 3 outlets, 3 pt. hitch & PTO, nice & clean
JD 4240 w/sound gard, cab & air, quad range, 38" rubber, nice tractor
JD 4430 Power Shift, 1975 model, factory cab & air, nice
JD 4430 sound gard, cab & air, quad range, very nice
JD 4230 Quad range, factory cab & air, 38" rubber, fully equipped, sharp
(2) JD 4020 Diesel, side console, wide front, dual outlets
JD 4020 dsl. wide front
JD 4320 w/year around cab, nice
JD 2630 w/Independent PTO, roll guard, and dual PTO
JD 4010 Diesel, wide front
JD 630 w/3 pt. PS w/fenders
(2) IH 1086, cab & air, 3 hydraulic outlets
IH 884 w/TA fully equipped, like new
(2) IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
IH 1256 wide front, 3 pt., dual PTO's
IH 1256 w/complete engine overhaul
IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
IH 826 Diesel, gear drive, wide front, 3 pt.
IH 706 Diesel, clean
IH 656 Diesel, wide front, 3 pt. - dual outlets gear drive
AC 5040 Diesel, late model, one owner 400 hrs. wnclosure $6,000.
MF 1080 w/multipower, dual remotes, 16.9x38 rubber
NH #8 Forage Wagon on tandem running gear

HARVESTING EQUIPMENT

NI 705 Diesel w/cab
NI 701 w/heavy rear axle
NI 717 combine $2500
NI 737 Husker $4200
NI 738 4 row narrow corn head, w/stripper bars
NI 730 4 row wide corn head snapper rolls $1,000
NI 767 Super Chopper w/electric knife sharpener
NI 743 3 row narrow quick tach w/stripper bars $2500

MISCELLANEOUS

3 pt. hitch, hydraulic wood splitter
New heavy duty 3 pt. hitch snowblower, 8½' wide
IH 2250 Loader Quick tach
Cab to fit JD 3010 through 4020, $400
Dual wheels - 34's and 38's
Cab w/air to fit IH tractors, 66 Series

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717/464-5960 Evenings

1 FARM EQUIPMENT

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NEW EQUIP.
Automatic Roller Mill
Blower
Artsway 500 Hammer Mill

TILLAGE EQUIP.
15 Shank Bush Hog
Soil Hog
Bush Hog 13' Offset
Amco 12' & 18' Wing Disks
7 Shank Landoll

USED TRACTORS
MF 165D, Excellent
Case 990 w/Loader
Case 580 CK
AC 1983 6080 4WD, 450 Hrs.
IH 544 Hydro w/Dunham Loader
OMC 1700 Skid Loader
Oliver 77
Oliver 88 WF
Ford 9N
IH 340
Hough 25B Loader w/52" Bucket
AC B
AC D17

USED HARVESTERS
NH 770 Low Profile Head
Field Queen 7650 4WD 3 Row Head & Pickup
Fox 6650 4 WD w/4 Row Head & Pickup
Fox 6200 w/3 Row Head
Fox Max 1 SP
MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 299 80" Flail Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 705 Uni 767 Harvester

USED EQUIPMENT
JD 220 18' Rock Flex Wing Disc
JD 200 Stacker
NH #8 3 Beater & Roof
Ontario 15 Drill
Glenco SS7 Stretch Frame, Like New.
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
Hesston 5500 Rd. Baler
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
IH 110 3 Beater Wagon
NH 1495 Gas SP Windrower
NH 479 Haybine
NH 489 Haybine
6x41 Snowco
6x48 Mayrath
Hesston 6600 Windrower 16'
White 598 6 Bottom Vary Width Plow
Hesston 12' Hydro Swing
Hesston 1090 9' Windrower
Hesston PT10 Windrower
JD 2280 diesel 14' windrower
111 JD 12' Disc Harrow
NH 368 Flail Spreader
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow & 3 Row Wide Head
Hesston 4 Row Narrow
Fox 3-Row Belt Head
Fox 2 RN Chain Head
Fox 3 Row Chain

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

USED TRACTORS

Case 1290 Diesel
Ford 4000 Diesel
Ford 8N w/Loader
IH W6
JD A Cyclone, Rollamatic
JD 70 Diesel
JD 4020 w/Cab
JD 60
Farmall Super C, Fast Hitch
Farmall Super H
Farmall H
(1) MF 50 Gas
Oliver Hart Parr 15-28 Rating
Huber

HAY & FORAGE EQUIPMENT
NH 273 Baler w/Thrower

OTHER
NH 24 Ft. Elevator
NI 42 Ft. Elevator w/3 HP Motor

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JD 4050, SG, PS
JD 2950
JD 2950, SG
JD 2750
JD 2350 MFWD
JD 1650, 1450 & 1450 MFWD
JD 850 MFWD
JD 750 MFWD
JD 650
JD Trac Loaders Model 75, 100, 245, 260

USED CORNPLANTERS
IH 56 4 row
JD 7000 4 RW w/No-till attach.
White 5400 6RN No-Till & Plateless

USED HAY & FORAGE EQUIPMENT
JD 2 Row Narrow Corn Heads
Hesston 1010 & 1014 & 1090 Mower Conditioner
NH 495
NH 479 Haybine
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 24T Baler w/Thrower
Ford 530 Baler w/Thrower
Oliver 720 Baler w/Thrower
NH 2 Row W Snapper Head for Forage Harv.
Fox 3000 Harvester w/eads
JD 343 Corn Head for Forage Harv.
NH 26 Blower
JD 660 Rake

USED MISCELLANEOUS
Brillion Transport Harrow
JD 260 Loader
NH 445 Skid Loader
Post Hole Digger

NEW SPREADERS
NH 679, 791
Martin S1466 & S1678 Scavenger
Martin Equilizer
H&S 295 Spreaders

USED TRACTORS
JD 3020
JD 2520
AC 6060, 425 Hrs.
Ford 9N
Farmall A

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Fg. Harv.
JD 3970 Fg. Harv.
JD 3950 Fg. Harvester (1) w/iron guard
JD 347 Balers
JD 430 Round Baler
NH 849 Round Baler
NH 489, 495, 499 & 1495 Haybines
NH 256 Rake
JD 660 Rake
Miller 2150 Forage Wagon
NH Forage Wagon
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW PLANTERS
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NEW DRILLS
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JD 8300 18x7

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Bobcat 643, 743, 843

NEW MISCELLANEOUS
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- '79 Int. 1460, Low Hrs. w/820 Cutter Bar & 863 Corn Head
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '72 NH 985 SOLD 9' Cutter Bar & 4 Row Wide Corn Head
- '80 Int. 1480, 1356 Hrs., w/820 Cutter Bar & 883 Corn Head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '72 JD 6600 Diesel w/13' Cutter Bar w/Hart Cart Flex Attachment

CORN HEADS
Good Selection of John Deere
443-444-643-644-843-1243 Cornheads

USED TRACTORS

Waiver of interest till March 1, 1985
- '69 Oliver 1850
- Int. 240 Tractor w/2 btm. plow & blade
- Allis Chalmers 180 diesel
- '80 Int. 1086, Cab, 1483 Hrs., Dual 18.4x38 Tires
- '64 JD 3020 Diesel

Waiver of interest till June 1, 1985
- '77 JD 8430 w/Dual 20.8x34 Tires, 3 pt. hitch, PTO, 3 Outlets
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500

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- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

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- JD F145-5-16 Semi plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

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Reduced to $12,500

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 21' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump
- (1) Int. 21x7 Grain Drill
- (1) JD 709 3 pt. rotary mower
- Rhino 8' Rear Blade

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- 5731 IH 656
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5415 IH 544G
- 5787 IH 544 w/new paint
- 5792 Deutz DX 130
- 5793 Deutz DX 160
- 5881 JD 2240
- 5882 JD 2240
- 5784 JD 4630 w/cab, duals
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader
- 5700 N.H. 778 skid steer loader

COMBINES

- 5120 JD 7720 w/4WD, chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5782 IH 1460
- 5447 IH 1480
- 5872 IH 815
- 5839 NH 479
- 2108 IH 1480 reconditioned

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MISC. EQUIPMENT

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- 5870 IH 2350 Loader w/84" Bucket
- 5487 NH 280 Baler
- 5484 IH 2001 Loader
- 5402 N.I. Rake
- 5373 Ag-Chem 500 Gal. Poly Tank
- 3111 Agrotec 200 gal. 30' sprayer
- 5720 N.H. 1010 Bale wagon
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine

TILLAGE

- 5394 Dunham Lehr 4 Row Cultivator
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5750 Case 14' Disk
- 5564 AC 2300 Disk, 14'
- 5561 J.D. 210 Disk, 13'
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5419 JD 22 Shank Chisel plow
- 5740 IH 560 plow, 6x16
- 395 Glencoe 14' soil saver
- 5534 Glencoe Soil finisher, 20'
- 5868 IH 370 Disc 12'
- 5869 IH 370 Disc 12'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 5578 Krause 3 Bar Harrow
- 5760 Wilrich 24 Ft. Field Cultivator
- 5759 MF 520 Disk 12'
- 1512 Miller 8500 offset disc 26'
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5615 Brillion SC-01 Field Cultivator, 20'

MOWERS

- 5751 Rhino Flex 15 mower
- 5291 Rhino 20' Flex Wing Mower
- 5577 Rhino 20' Flex Wing Mower
- 5569 IH 60 Shreader
- 5702 NH 462 Disc mower

PLANTING EQUIPMENT

- 5713 I.H. 510 Drill
- 5765 JD 246B Drill
- 5766 JD E9300 Drill Attachment
- 2763 IH 620 tandem full press drill
- 3098 IH Dual Hitch for 5100 Drill
- 5786 IH 510 Drill
- 2762 MF 7x18 drill

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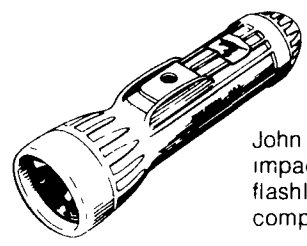

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ATTACHMENTS FOR COMPACT UTILITY TRACTORS

		SALE
JD #272 3 pt Grooming Mower	$1,150	$1,100
JD #72 Mid Mtd Mower w/950 Mtg.	$ 800	$ 400
FORD 4 ft Rear Mtd Blade, 3 pt.	$ 195	$ 145
JOHNSON #30 Hyd Loader w/950 Mtg	$ 750	$ 650
YANMAR 60" Mid Mower, 3 pt.	$ 675	$ 575

BALERS

		SALE
JD 346 Baler w/#30 Ejector	$ 6,295	$ 5,995*
JD 430 Round Baler	$11,350	$10,900*

* USED BALERS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO JULY 1, 1985

COMBINES, PLATFORMS, CORN HEADS

		SALE
JD 4420 Diesel Combine, Straw Spreader, 13' Flexhead	$33,500	$30,000
MF 750, 1980 dsl, cab, 13' Platform & 1163 6R30 Corn Head	$36,500	$32,600*
MF #82 SP w/10' Plat, 2RW Corn Head	$ 1,450	$ 725
MH #82 SP w/12' plat.	$ 1,000	$ 350
JD 244 CORN HEAD w/Adapt Plate (Harv.)	$ 1,750	$ 1,250

* USED COMBINES, AVAILABLE FOR APPROVED FINANCING
JDFP-WAIVER TO SEPTEMBER 1, 1985
CORN/SOYBEANS
JDFP-WAIVER TO JUNE 1, 1985 SMALL GRAIN

COMPACT UTILITY TRACTORS

		SALE
IHC 254 Dsl w/Like New Woods L-306 Rotary Mower	$7,900	$7,100

USED COMPACT UTL TRS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVED TO MARCH 1, 1985

CORN PICKERS

		SALE
NI 323 1 Row Pull Type (175 Acres)	$4,150	$4,050

CORN PLANTERS

		SALE
JD 1240 4R30 Dry Fert, Insect, (Tg#2355)	$2,550	$2,400*
JD 1240 4R38 Fert, Insect, Mon (Tg#1026)	$1,750	$1,200
JD 1240 4R Fert, Insect (Tg#1458)	$2,150	$1,600*
JD 494A 4R Fert, Insect	$1,195	$ 750
JD 246 2R 3 pt.	$ 325	$ 150
IHC 56 4R Liquid Fert, Insect	$ 650	$ 200

USED CORN PLANTERS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO APRIL 1, 1985

CULTIPACKERS

		SALE
BRILLION 11' Smo Rollers 18"	$1,095	$850
DUNHAM 9' Rollers 15"	$ 195	$145
LEROY 8' Sprocket Type 15"	$ 175	$ 95

DISK HARROWS - ROLLER HARROWS

		SALE
JD 230 21'4" Wing Fold, Cush Gang w/Leveler	$10,000	$8,500
JD 310 12'10" H.D.	$ 4,850	$4,350
JD TWA 28bl Plowing Disk	$ 1,950	$1,850
IHC 475 17'6"	$ 5,275	$4,775
JD F925H 12' Roller Harrow	$ 1,595	$1,195

FIELD SPRAYERS

		SALE
JD #535 350 Gal, 30' Boom, PTO Pump	$1,695	$1,295
JD #520 200 Gal, 30' Boom, PTO Pump	$1,695	$1,195

FORAGE HARVESTERS

		SALE
NH 1895 SP, Cab, Air, Metal Det. w/4R30 Row Crop w/Hay Pick Up	$32,500	$31,500*
JD 35 1000 PTO	$ 1,595	$ 1,495*
JD 3RW Row Crop for SP	$ 3,750	$ 2,750
JD 3RN Row Crop For SP	$ 3,750	$ 3,250

USED FORAGE HARV, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO SEPTEMBER 1, 1985

GRAIN DRILLS - FERTILIZER SPREADERS

		SALE
JD 8250 18x7 Fert/ Grain, SDO, GSA	$3,350	$2,995
JD FB177B Fert/Grain, SDO, GSA	$1,450	$1,190
JD FB157B Fert/Grain, SDO, GSA	$1,650	$1,390
JD FB157 Fert/Grain, GSA	$ 450	$ 225
JD FB137A Fert/Grain, GSA (Tg#1971)	$ 795	$ 495
JD FB137 Fert/Grain, GSA (Tg#1777)	$1,295	$1,095
OLIVER 16x8 Fert/Gr, SDO, GSA	$ 250	$ 95
AC 15 Disck Grain Drill	$ 250	$ 125
JD 1500 3 pt. POWER TILL SEEDER	$3,250	$2,750
JD LF10 FERTILIZER - DIST.	$ 450	$ 295
"NEW" NI #119 FERT SPDR, SPINNER 3 pt.	$1,270	$1,100

MANURE SPREADERS, GR DRIVEN

		SALE
NH #202 w/Stl Whl, Endgate	$ 850	$ 550
NI #206 w/Stl Whl (Tg#1725)	$ 995	$ 495
NI #206 w/Stl Whl, Endgate (Tg#2379)	$1,295	$1,195
NI #206 w/Stl Whl (Tg#1030)	$1,100	$ 450
NI #206 w/Stl Whl (Tg#1053)	$1,250	$ 650
NI #206 w/Used TT, Endgate (Tg#1019)	$1,095	$ 450
NI #206 w/Used TT (Tg#1040)	$1,250	$ 700
NI #206 Less Whls, Endgate (Tg#2315)	$ 595	$ 495

MANURE SPREADERS, PTO

		SALE
NI 214 (195 Bu.) w/Flail Att.	$1,395	$700

MISCELLANEOUS ITEMS

		SALE
JD #80 3 pt. Rear Mtd Blade 6'	$275	$150
SAUDER 8' Snow Plow	$475	$375
VICON 7 Bu. 3 pt. Broadcaster	$625	$550
Manure Fork Bucket for JD 48 Loader	$125	$ 75
Pan Attach for NI 218 Spreader	$ 50	$ 25
Pan Attach for NI 224 Spreader	$ 65	$ 25
PR 13.6x38 6P Tires w/Rims	$300	$200

MOWER/CONDITIONERS - CUTTER BAR MOWERS

		SALE
JD 12-14 Hydra-Swing Mow/Cond	$1,350	$995
JD #5 7' Bar, Semi Mtd Mower	$ 395	$200

NEW IDEA "UNI" EQUIPMENT

		SALE
705 Dsl Power Unit, Cab w/767 Forage Harvester 763 3R30" Row Crop 766 Hay Pick Up Attach	$18,500	$14,900
702 Dsl Power Unit, Cab w/710 Combine, w/13' Plat	$11,500	$ 7,500
713 Grain Platform	$ 500	$ 200
762 Two Row 38" Row Crop	$ 100	$ 50

PLOWS

		SALE
JD 3B14" 3 pt.	$600	$200

ROTARY CUTTERS - GYRAMORS

		SALE
JD 307 6 ft., Pull Type	$750	$500
JD 307 6 ft. 3 pt. (Tg#1631)	$750	$300
JD 307 6 ft. 3 pt (Tg#1615)	$975	$500
JD P107	$450	$395
Littleston 7 ft. 3 pt.	$950	$650
Woods M5 3 pt.	$750	$650
Bush Hog 10 ft., Pull Type	$650	$450
Bush Hog 6 ft., 3 pt.	$695	$450

ROW CROP TRACTORS

		SALE
JD 4320 S/R Trans, WFE	$11,500	$10,995
JD 4020 Dsl, P/S Trans, WFE	$ 8,150	$ 7,650
JD 3020 Dsl, Steel Whls.	$ 5,000	$ 4,750
JD 2510 Gas, ROM	$ 5,500	$ 5,200
JD "A"	$ 1,550	$ 1,395
IHC 806 Dsl	$ 7,750	$ 7,250
IHC F1066 Dsl, Cab, Air, WFE	$15,500	$14,900
FORD 6000 Select-O-Spd, WFE	$ 2,500	$ 2,190
CASE 1210 Dsl, P/S 12 Spd, WFE	$ 7,495	$ 7,095

USED ROW CROP TRS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO JUNE 1, 1985

SNOWMOBILES

		SALE
JD Liquifire 440 w/Cover sn127614	$2,050	$1,750
JD Liquifire 440 w/Cover sn127615	$2,050	$1,750
JD JDX4 Salvage-Engine OK	$ 350	$ 200

UTILITY TRACTORS

		SALE
JD 2940	$18,995	$18,695
JD 2640 w/Roll-Gard	$15,500	$13,995
JD 1530 Dsl (sn 142435)	$ 8,350	$ 7,795
JD 1530 Dsl (sn 112308)	$ 7,500	$ 7,095
JD 2020 RU, Gas Collar Shift	$ 5,950	$ 5,795

USED UTILITY TRS, AVAILABLE FOR APPROVED FINANCING
JDFP - WAIVER TO JUNE 1, 1985

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		SALE
JD 420, 20 HP, w/Mower	$5,700	$5,200
JD 400, 20 HP, w/Mower	$4,750	$4,350
JD 317, 17 HP, w/Mower	$3,150	$2,850
Wheel Horse, GT14 w/Mower	$1,150	$ 900
Ford 165, 16 HP, w/Mower And Snowthrower	$3,250	$3,000
Grasshopper 1600, 16 HP w/Mower	$3,250	$2,950

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Case 2470
Case 2670
IHC 1066
MF 50
IHC 1466
IHC 806
AC 200
IHC 1206
IHC 856
JD 3020 diesel, console
IHC 1026 hydro
AC 185 diesel
JD 4020 diesel
JD 4010 diesel
NI 3 row narrow super picker
1974 JD 7700 diesel
JD 220 flex head
IHC 715, gas and diesel combines
Miller 12' offset disc
Krause 18' offset disc
IHC 700, 7 & 8 bottom, automatic reset pull type plows
JD & IHC 3, 4, 5 & 6 bottom plows
JD-B 14 and 18 hole grain drills
JD 494-A planters
IHC 3 pt. & pull type chisel plows

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NEW TRACTORS

JD 2440 Dsl.	Call For Prices
JD 2750 Dsl. TSS w/hi-lo	
JD 4250	

NEW MACHINERY

JD 466 & 450 Spreaders	
JD 215 Disc Harrows	
JD 315 13' Disc	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 2600 5Bx18" Plow	
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 16x10 FF Drill	$4,000
JD 21x7 Drill	
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 & 1275 Running Gears	

Century sprayer ground driven 500 gal
Little Giant Elevator 38' w/hood & down spout

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H	$9,500
1981 White Combine 7300 w/704N 4 Row Corn Head	$20,500
JD 4400 Combine 1977 Model, Motor Completely overhauled, JD 443 Corn Head & JD 213 Platform	
L2 Gleaner Combine, Corn & Soybean Special, Mod. 1978 w/A630 Corn Head, A438 Corn Head, 15' Platform	
JD 750 Tractor, 2 Wheel, PS	$6,500
JD 750 Tractor, 4 WD, PS	$7,500
NI Mower Conditioner 9'	$2,500
NH 513 Spreader	$1,200
18' Westgo Field Cult.	$1,200
IHC 720 Forage Harvester 2 R.C H & Pickup Head	$3,500

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1 FARM EQUIPMENT

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FORD TRACTORS
New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 4610 SU
New 3910
New 2110
New 1910 w/Ag Tire
Used 140 5B 16" Auto Reset Plow, Ex. Cond.

NEW HOLLAND
New Harvesters - 707, 782
New L35 gas, L325 gas L555 D skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

NEW IDEA
NI 406 rake
Used NI 325 2 RN Gathering Unit w/329 Sheller, very good
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

FALL SPECIALS

JD 4240 w/SGB, PS trans., 1300 hrs.
MF 2675 w/Cab & 24 Spd. Trans
Both Tractors In Excellent Condition!
Come Take A Look!

NEW TRACTORS

JD 650 4WD
JD 2350
JD 2750
JD 2950 SGB
JD 2950 MFWD & Cab

NEW EQUIPMENT

JD 115 Disc 10 ft.
JD 215 Dura-Cushion 11 ft. 5 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 716A Forage Box
JD 506 Rotary Cutter

USED EQUIPMENT

JD 336 Baler
IH 243 Picker Sheller
NI Forage Blower
JD 640 Rake w/Front Wheel
JD F130 4-14" Bottom Plow
JD "B" Tractor
JD 2030 D Utility Tractor
JD 24T Baler w/No. 2 Ejector
JD 1209 Mower Cond.
NH 495 12' Haybine
(2) NH 479 Haybine
Owatonna SP Mower Conditioner
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD 216 Forage Box w/1065 Wagon
JD 480 Mower-Conditioner
JD 65 Rear Blade, 7 ft. like new

Grimm Hay Tedders On Stock Parts Available

50" Bale Bags On Stock

Miller-Lake, Inc.
R.D. #2 Box 273A
Belleville, PA 17004
Ph. (717) 935-2335

USED AC COMBINES

AC N6 Combine w/1984 Updating Kit (Like New)

AC Models

G - M - C - N - L - F

These Combines are in Excellent Condition
IT WILL PAY YOU DIVIDENDS TO CALL US NOW!

NI 708 Uni-System, Hydro Drive w/717 Combine, Cornhead & Grainhead

TRACTORS

AC 7040D	AC 440	AC CA	JD 2010
AC 7045D	AC XT190D	AC 5040D	MF 65G
AC 7050D	AC 180D	AC 5050D	Case 1490
AC 7020D	AC 175D	IH 806	JD 450 Crawler
AC 7010D	AC D19D	IH 340	Case 450
AC 7000D	AC D14	IH 140	Oliver 1650D

USED FORAGE HARVESTORS: GEHL, I.H., N.H.
Extra Special Discounts On Conventional And No-Till Corn Planters

GRUMELLI FARM SERVICE
Quarryville, Pa. 717-786-7318

HAY & FORAGE

Used Snapper Heads for forage harvestors. JD 1 row, NH 1 row for 770 & 782, NH 2 row wide & narrow for 890 & 892. IH 743 narrow row corn head. Used forage wagons, AC, Grove, Gehl, NI, IHC, NH and Lamco. Used short hopper PTO blowers. Wood & steel bale racks, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, IHC, JD, AC, NH pickup heads, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. NI corn pickers one & 2 row w/husking beds & shellers. USED HAY BALERS: NH 273, 276, 269, 275, JD 336, JD 346, Hesston 4500, IHC 425-most w/throwers. USED ROUND BALERS Hesston (2) 5800's, NH 850, NH 846 auto wrap like new, Ford 552. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. Gehl 99 short hopper blower, very good. Used regrinder, blowers, shellers, & McKee corn hog. New Farmhand Grinder Blower, Model #132Y2 w/Hyd. Cross Conveyor.

MANURE SPREADERS

Better Bilt 1500 gal. liquid spreader, Ground drive 75 & 95 bushel, NI & Int'l. NI 213, 165 bushel manure spreaders w/wood side & floor avail. w/single beater or flail element. NI 206 95 bushel ground drive manure spreader. NI tandem 245, 375 bushel manure spreader. JD 465 barrel hyd. slide top. Starline 830 Roto spreader hyd. top. Martin 3,000 gal. tandem liquid spreader.

INDUSTRIAL

AC HD3 Crawler Dozer, JD 350 B crawler dozer 6 way blade, Cat D4D dozer direct start. Used AC 840 articulated payloader, one & one-half yard bucket, Case 530 tractor loader backhoe, 615 Tractor Loader, JD 440 Log Skidder, (2) AC 715 tractor loader backhoe, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Bobcat skid steer loader, 610 gas & diesel, 520, NH 775 skid steer loader, Used 6 and 9 ton Tag Along trailers, 1 Ton Paving Roller.

USED TRACTORS

AC 7045 w/cab, 7040 w/cab, 7030 w/cab, 7000, 190XT w/cab, 160, 6080, 6060 w/loader, 5040 w/loader, D17 gas & diesel, D15, 170 w/loader, B, C, AC D12, D19 w/fact. 3 pt. hitch.
FORD 3600 D w/factory cab, 800, 600, 8N.
MASSEY FERGUSON MF 275 w/cab, 175 D, 135, 35.
JOHN DEERE 4020 diesel power shift, 3020 diesel, 2640, 2440, 720 diesel, wide front, 530. 3020D side console, 2510D.
IHC 706, 404 w/loader, 140 w/cultivator, Farmall 140 w/Loader, 100 high clearance, M, H, Super A w/highway sickle bar mower 3 used Cubs w/belly mowers. Super MTA, very good.
KUBOTA 225 tractor w/cab.
DAVID BROWN 1200 w/loader.
LAMBORGHINI model 904, 4WD tractor.
LONG 560 4WD

MISCELLANEOUS

New Knerneland 3 bottom 3 pt. hitch reset plow. JD 1550 3 pt. no-til power seeder, like new. Wood saws, wood splitters, 3 pt. Farmi log winches & 11' truck snow plow. Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, year round cab for AC 190 or 200, year round cab for JD 4020, Bush Hog & Woods rotary mowers, dual wheels 34" and 38", Ford power units various sizes, Grove hyd. drive forage box, Starline silo unloader for 14' silo, like new, 6x20 Hay & Silage Feeder Wagons, 4x24 Hay Feeder Wagon.

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Int. 140 tractor w/1 row cultivator
Int. 1566 tractor (160 HP)
Int. 986 (110 HP) roll bar
Int. H-86 tractor (70 HP) hydro, like new
John Deere 4020 tractor (9.5 HP)
Ford 8600 tractor (110 HP)
Ford 4100 tractor (45 HP)
Massey Ferguson 135-D tractor (37 HP)
Int. 504 tractor with loader (46 HP)
Farmall M tractor (35 HP)

Used Combines

John Deere 7700 combine with 13' grain and 4 row corn
Int. 815 combine w/13' grain and 4 row corn
Int. 503 combine w/13' grain and 4 row corn
Oliver 525 combine w/11' grain and 2 row corn

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Used Hesston Round Baler	$2000
10 ft. Miller Disc	$3000
JD 8 and 10 Tooth Chisel Plows	$1400 to $1700
5 Used Hay Bines	$1200 to $2800
New Holland Rakes 3 Pt. 7 Ft. Mower	$775
New Hesston 4600 Baler with Thrower	$8300
MF 750 Diesel Hydro with 2 Heads Sharp	$18000
MF 300 with Cab and 11 Ft. Head Sharp	$3600

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Brillion Tillage Tools
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USED TRACTORS

IH 454 w/1100 Hrs.
IH 826 Hydro
IH F 706 G (Overhauled)
IH 674 Dsl
IH F 656 G w/Cab (Overhauled)
IH F 340
IH 154 w/Mower
IH 1 504 w/NI Loader
IH Super C
IH Super A
IH H
IH F 450
IH Cub
JD 620
JD 2010 G
Hydro 84

BALERS
IH 47 w/Thrower
Hesston 10 Stacker

BLOWERS
JD 66
Badger TA 54
IH 56
NH 27
Fox 660
Hussler 56
Gehl 99
Dion 56

COMBINES
IH 810 13' Platform
IH 303 w/Cab
IH 715 w/Cab
IH 205

PLANTERS
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row w/No-Til

CULTIVATORS
IH 4 R Mtd - 560
Case 2 R Mtd - SC
Oliver Rotary Hoe 3 pt
MF 14' 3 pt Rotary Hoe

GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

PLOWS
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16
Brady 9' Chisel Plow
Brillion 3 pt 7' Chisel
IH 450 4x16
2 Bottom Trail Plow 12'

WINDROWERS
NI 270 Cut/ditioner
IH 1190 Windrower
IH 8 Flail Chopper
JD 16A Flail Chopper, Nice
NH 33 Flail Chopper
Bearcat Flail Chopper
JD Hay Tedder
AC 904 9'
Gehl 108 9'
IH 5000 w/Cab
Hesston PT10 Windrower

PICKERS
Oliver 73H 2R
NI #7
NI 10 1 Row
IH 234 Mtd
NI 314 Sheller

GRAIN DRILLS
IH 5100 20x7, Plain
Moore No-Till
Tye No-Til 80"
IH 510 18x7 w/DDO

LOADERS
IH 2350 Fast Attach
IH 2050 A
NI 502
NI 506
Kwik Way (IH 284)
Hydro-Mac 10 Skid

HARROWS
Rhino 83 Disc 10'
Rhino 76 Disc, Very Nice
JD 425 Offset Disc Sharp
Brillion 10' Cultipacker
IH 47 Disc 13'
Perry 12'
JD 12'
JD WRA 13' Disc
Nemyer 3 pt Harrow Tiller

SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal.
Oliver 200 gal

UNI EQUIPMENT
NI 737 Husking Bed, Picked 16 Acres
708 Hydro
767 Super Chopper
744 N 4 RN Head
NI 717 Combine
NI 710 Combine
NI 734 3 RW
844 W 4 RW Head
740 Feeder House
729 A Sheller
709 Hydro 4 WD

COMING IN . .
MF 50 Pull Combine
Woods Saw
Bush Hog 108 9' Offset Pull Mower
JD 2010 Trac w/NI 504 Loader

MANURE SPREADERS
Starline Tank Spreader
Badger 1500 Gal Vacuum Tank w/Injectors
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Bilt 357

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo-matic 24' Silo Unloader
Silo-matic 14' Silo Unloader

RAKES
Farmhand Whl Rake
NH 57 R 3 pt
Vicon Turner
Tonutti Whl Rake
Vicon 4 whl rake 3 pt hitch

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2000 2RN+2RW
JD 38 2 RW
Fox 502 2 Row Snapper Head
Fox 3000, 3 RN Head & PU
IH 555 1R w/Hay PU
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head
Gehl 72 Flail Chopper
Fox 2 Row Narrow Corn Head

WAGONS
(1) Grove wagon, hydro drive, rear unloading
IH 51 Wagon w/140 Gear
Badger 16 Tandem Axle
Badger Tandem Running Gear
Gehl 912 16' Forage
Grove 14+16' Forage
Vandal 180 Mixer Wagon
Clay 14' Forage Box
8 Ton Wagon Chassis
Badger Forage Wagon

MOWERS
NH 451 7'
Oliver 7' Mower
IH 222, like new
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle

MELROSE FARM SERVICE
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USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, w/cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4020, power shift
JD 4020 Syncro w/cab
JD 2840 w/cab
JD 2640
JD 2240
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
Int. 1086 cab & air
Int. 986 cab & air
Int. 886 cab & air
Int. 1066 w/cab
Int. 464 w/loader, used 800 hrs.
IH 966
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 404 w/Power Steering
Large Selection of Farmall Cubs
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
AC 180 diesel
MF 1105
David Brown 1200 w/loader
MF 135 SOLD w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp
MF 410 hydro.
444 JD corn heads

USED PLANTERS

JD 7000 4 row liquid fertilizer
JD 7000 4 row Dry fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90

MISCELLANEOUS

SPECIAL
New NH 346 Tank Spreader $5,700.

Int. 510 grain drill
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Brillion 10' seeder
Large selection of plows from 3 to 7 bottom
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
NI 323 picker
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler
NI #7 picker

1976 Chevy Tandem Grain Truck, 18' body & hoist SOLD
1975 GMC w/Jer-dan rollback body
1964 Ford C700 w/24' Schwartz rollback body

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TRACTORS
- Case 430
- Oliver 500
- JD 2630
- JD 2010 w/Loader
- White 2-105 Tractor
- Ford Jubilee

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 1830 Skid Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- JD 3 Bot 3-16 Plow
- 318 Spring Reset Plow
- Int 700 5-Bot, 16" Plow
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Mohawk 7 Tooth Chisel Plows
- Case 18' Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 743 Cornhead
- NI 323 1-Row Cornpicker
- NI 324 12 Roll Husking Bed
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead
- Oliver 73H 2 Row Cornpicker
- Int 234 Mounted Picker

HAY EQUIPMENT
- NC 7 Ft Mower
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- Zimmerman 40 Ft Elevator
- IH 400 Corn Planter, 8 Row
- 4 Row Cole Corn Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart 24 Bushel

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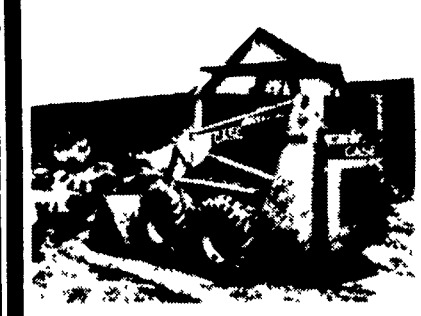

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- 1978 MF 760 Hydro $31,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive $36,000
- 1977 MF 750 Hydro with Grain Saver $26,000
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 .. $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" $3,000
- 1975 MF 510 Diesel $17,000
- 1975 MF 760 Hydro V8 .. $24,000
- 1974 MF 760 Hydro 6 Cyl. $22,000
- 1973 MF 750 Gear Drive with Grain Saver $24,000
- 1973 MF 760 Hydro 6 Cyl. $21,500
- 1972 MF 510 Diesel Gear Drive $9,500
- 1972 MF 510 Diesel Gear Drive $10,500
- 1972 MF 300 Gas $8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel $10,500
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel $11,500
- 1968 MF 510 Diesel $8,000
- 1968 MF 510 Diesel Hydro $12,500
- 1968 MF 410 Gas $5,000
- 1966 MF 410 Gas $2,500
- 1966 MF 510 Gas with Floating Cutter Bar $4,800
- 1965 MF 410 Diesel $4,500
- 1974 MF 300 Gas $8,700
- 1964 AC CII Gleaner with Corn & Grain Head $4,500
- 1960 AC A Gleaner $1,500
- JD 45 with Corn Head $1,500
- IH 303 with Grain & Corn Head $1,500
- MH 82 with 10 ft. Grain Head $1,200
- Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size
- New Idea 2 Row 30" Pull Type Picker Sheller $5,500
- NI 2 Row Corn Sheller for Farmall M Tractor

USED TRACTORS
- MF 4880 $55,000
- MF 1100 Diesel. $5,500
- MF 298 Dsl, 80 HP, Like New $16,000
- MF 135 Diesel $4,500
- JD 2040, 240 Hrs $12,000
- MH Pony Cultivator & Plow $2,000
- Farmall M $1,800
- Uni 701 Uni w/Combine, 11' Grain Head & 2 Row C H
- Oliver 770 Trac. $1,700

NEW EQUIPMENT IN STOCK
- Century Sprayer
- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
- MF auto reset 3 pt. 3x16" plow-special price $2,500

USED EQUIPMENT
- Glenco 9 tooth soil saver .. $6,700
- White 216 plow $575
- Oliver grain drill
- Kewanee 18' hydraulic wing disc $3,200
- Fox 900 1 row harvester, like new $2,250
- NH 8 Forage Wagon
- NH 707 Harvester $1,400
- JD 1 row corn binder $600
- IH 710 Spring Trip 6-16 Plow $2,500
- NH 278 Wire tie Baler
- Stanhay seed planter $800
- MF 345 416 spring trip plow $1,700
- MF 82 416 spring trip plow $600
- MF 3 pt. fork lift $700
- MF 730 offset 13' disc $3,500
- Ontario 16 grain & fertilizer drill $900

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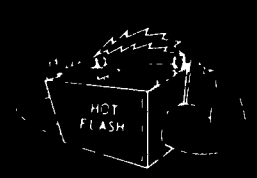

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Hitch Slide away hitch to prevent cattle from injury

Jack Fold up bulldog for easy hookups

Bearings Tapered roller bearings for long lasting & easy towing

Reflectors SMV sign for safe towing on highways

* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
* For feeding in pasture or barnyard
* Suitable for feeding cows, heifers, steers etc.
* Ideal for feeding from bulk silo or Ag Bag
* Easy to tow behind pickup or tractor.

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IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 915D, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L, G & K. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI UNI-702, NI Uni - 705D, combine & shellers, Case 800 & 660, 600, MM 5297, Ford 622, JD 6600, Combines Straw Choppers for most makes & models, $100 & up.

COMBINES

Massey 300 w/grain w/3 row 30" & 2 row 38" corn head
AC 60 pull type, nice
IH 80 pull type Auger feed
915 Diesel w/4 row 38" & row 30" & grain, $13,500 SOLD
JD 6600 Gas w/grain head $10,500
Massey 72 w/10' grain & 2 row, cab & P/S
Massey 300 quick tach, cab, grain & 2 row corn
Int. 315 hydro cab and grain, 2 row corn
Gleaner C-2 diesel w/cab & grain and 4 row corn
IH 205 w/cab & 10 ft. Grain Corn Head
AC Gleaner G w/4 row corn, $6,950
Gleaner E 10' Grain 2 row 38" or 3 row 30"
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain & 3 row 30"
IH 503 Diesel, cab and grain & corn head $5500
E Gleaner, cab & 10' head, $3000
JD 4400, cab & head
C2 Gleaner w/2 heads
JD 6600 Diesel w/grain head, $9500
JD 4400 Diesel w/grain head, $10,500
Gleaner M Diesel w/grain head & 4 row corn head, $12,500
IH 80 7' pull type auger feed, $875

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2 Farmall H w/hyd. from $700 to $875
MF 2745 cab duals, 1200 hrs., $15,500
Case 1370, 165 HP, as is $6500
AC crawler w/blade, $1275
Case VAC pully & Hyd
2 Massey 101 Tractors
AC Model C w/cultivator & plow

CORN HEADS

Gleaner K 10' grain head. Black reel & auger, like new
MF 2 row 38" fits 300, QT, $750
(2) IH 744 4 row 39" corn heads
Gleaner K2 row corn head
Gleaner G 4 row 38"
Gleaner G 4 row 40"
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
JD 4 row 30" fits 95, $1500
JD 6 row 30" fits 105, $1175
IH 3 row 30" fits 615, $1500
IH 2 row 38" fits 615, $775

PICKERS

Farmall M w/NI mtd picker, $1500
MM picker, 1 row, $350

MISC.

NH 354 Grinder mixer, real clean, $3500
Flat wagon w/NH Gravity box, $700
3 axle 30' trailer to haul round bales $875
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Trailer type chisel plow $400
NI 213 3 beater spreader
NH tank spreader $475
IH 8 ft. Wheel Disc
NI 12' flail mower
JD 1450 6 btm-16" plow, real nice, $1750
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All steel farm dump trailer holds about 500 Bu-of corn
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JD 40 8' grain head
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Ford loader, hyd. bucket & pump. Fits 8N or 9N
Horn 2R stalk beater

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Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 806, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC "B", AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

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2900 Gal. Tank w/Easy Loader (Patent Pending)

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2.) Engage PTO. Switch pump to vacuum
3.) Float level indicator shows when tank is full
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A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

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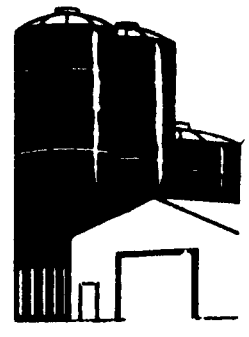
3 SILOS AND UNLOADERS



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Ford Farm Equipment
SPERRY NEW HOLLAND

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IH 200 Fasthitch w/3 pt. adapt.
IH 3444 POB
(2) Farmall H
JD 4400 Combine, 13' Grain Head, 36" Row C.H.
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IH 830 Fg. Harvester, Corn & Hay Heads
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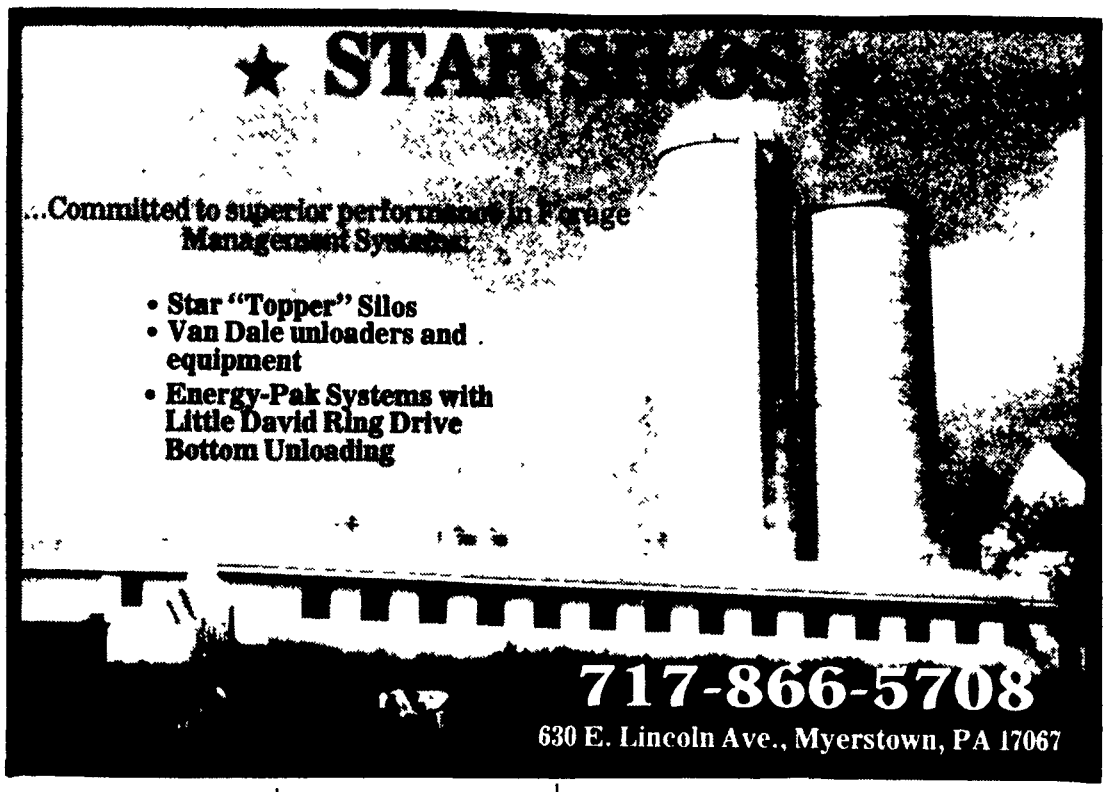
3 SILOS AND UNLOADERS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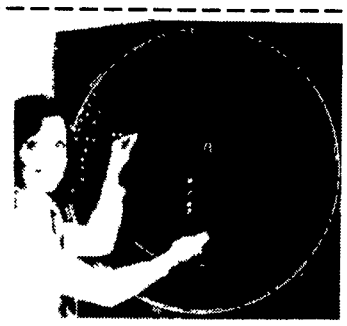

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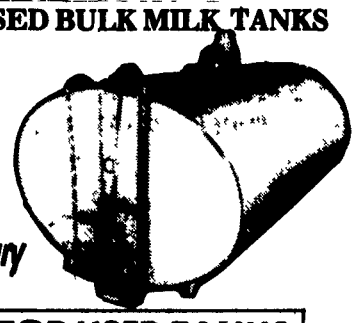

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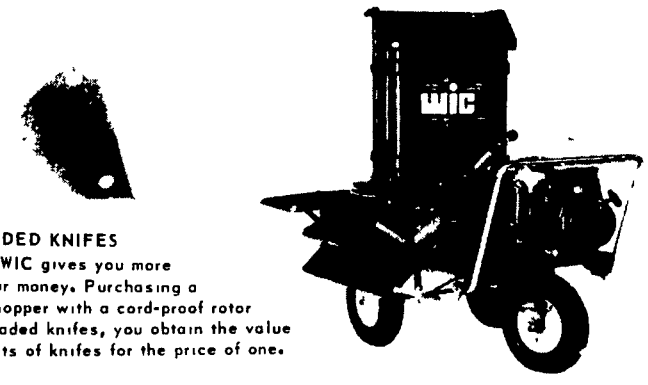

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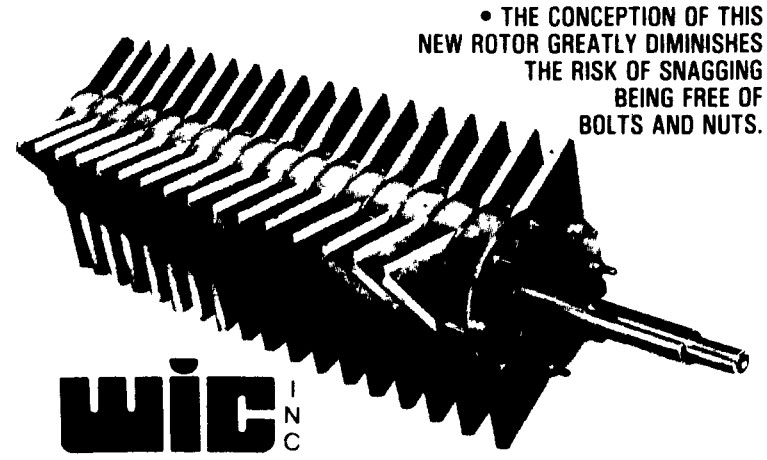

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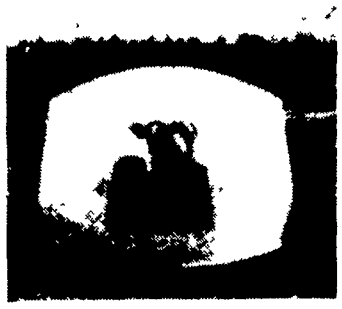

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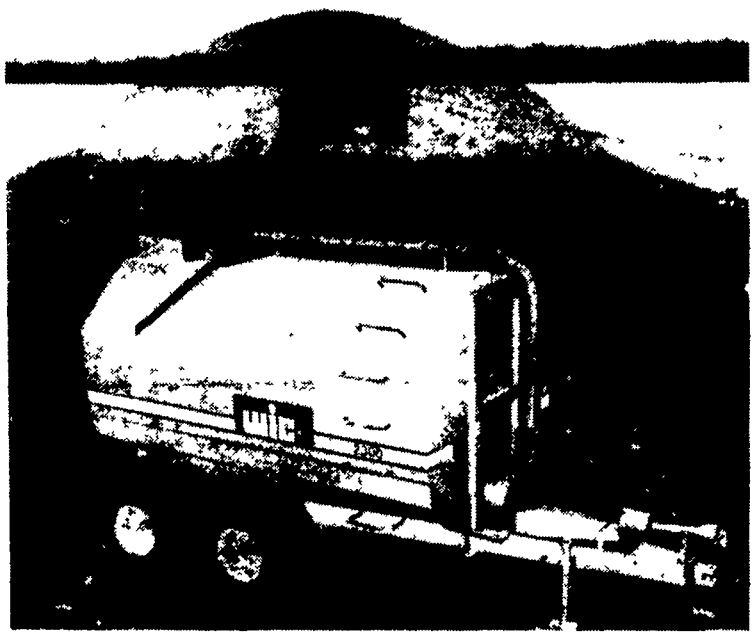

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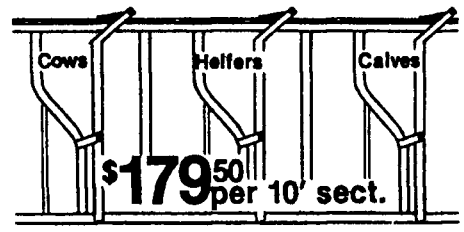

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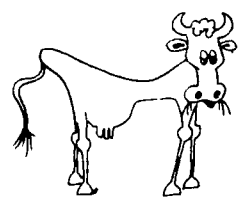

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NOTE: Other Meetings Will Be Held In Western And Southern Virginia; Central, North Central And South Western Pennsylvania During 1985.

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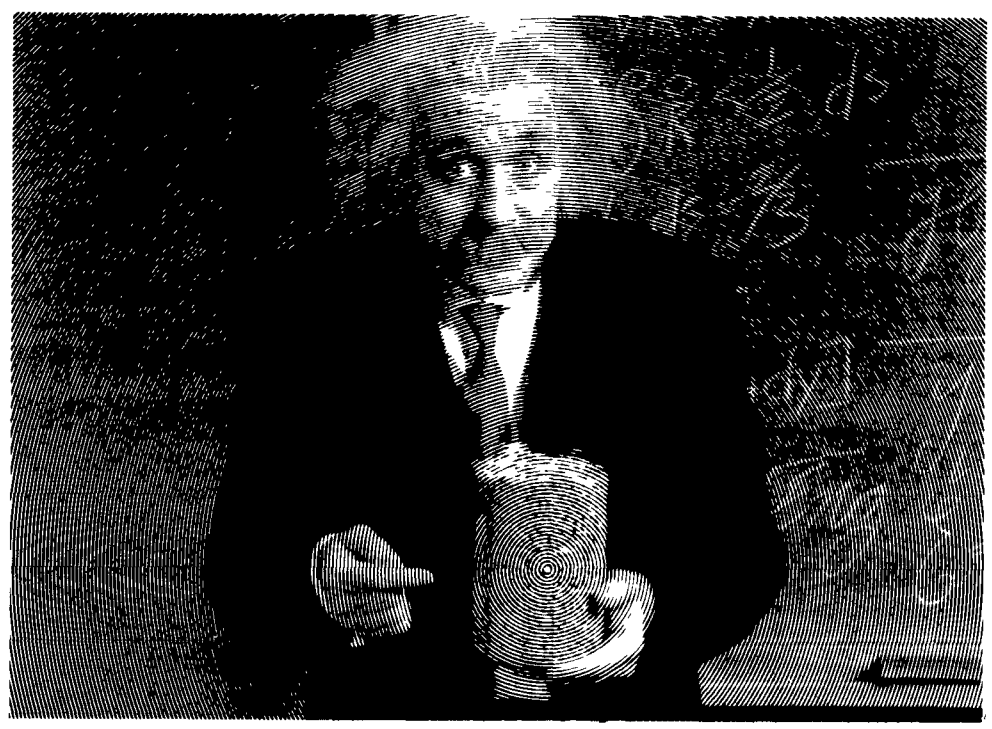

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MPPA schedules Performance Tested Boar Sale

GAITHERSBURG, Md. — The Maryland Pork Producers Association will hold a performance tested boar sale in conjunction with thier annual membership meeting at the Montgomery County Fairgrounds in Gaithersburg. The boars, which are now being fed out at the MPPA Test Barn in Carroll County, will be sold at 1 p.m. on Jan. 19, in the lower level of the Fairgrounds Commercial Building.

A few choice bred gilts and a select few feeder pigs will also be sold at the same time. These feeder pigs will weigh between 60 and 90 pounds, and will make excellent 4-H and FFA projects for the MPPA Pork Expo scheduled for April 26 and 27, at the Md. State Fairgrounds in Timonium.

Information on the sale boars will include rate of gain, feed conversion, loin eye and backfat measurements and soundness rating. All boars will be tested for pseudorabies and brucellosis, and will be vaccinated for lepto and parvo viruses.

For more sale information contact Donald Morrison, P.O.Box 39, Dayton, Md. 21036. Phone: 301-531-3351.

North American hosts World Shorthorn Show

LOUISVILLE, KY. – Entries from the provinces of Canada and the United States gathered for a worldwide Shorthorn show that drew the best of the breed to be exhibited in the event. The 4th World Shorthorn Show was held in conjunction with the 1984 North American International Livestock Exposition, Louisville, Ky. The fall exhibition hosted nearly 220 Shorthorn bulls and females from the United States and Canada.

Sifting through the classes were Mark Richardson, a noted Angus cattleman from Afton, Okla. He was very complementary of the cattle shown in all of the classes.

For champion bull, Richardson went to his junior champion bull, Cactus Flat Ringmaster, owned and exhibited by Raydur Farms and Cactus Flat Shorthorns, Viking, Alta., Can. This March '83 son of the popular bull, Ayatollah *ar and out of Cactus Flat Buttercup Ethel, had earlier topped the early spring yearling bull class. He stood 59 5/8 inches tall at the hips and weighed 1,801 pounds with a weight per day of age of 2.90. This bull was also the supreme champion individual of the 1984 World Shorthorn Show and received the George Garvin Brown Memorial Award to commemorate the honor.

Reserve grand champion bull honors went to another Canadian-bred entry, Glenford Ayatollah x, also a son of Ayatollah *ar, and his dam is Glenford Hope 20J x. He was also the reserve junior champion bull and had stood in class to the grand champion bull. The entry weighed 1,715 pounds on show day and posted a weight per day of age of 2.99. He was 59½ inches tall at the hips. An early spring yearling bull, his owners are Benders Shorthorns of Neudorf, Sask., Can.

AF Margie's Dream Girl, owned by Alden Farms, Hamilton, Mo., and Cedar Crest Farm, College Grove, Tn., walked away with the grand champion female awards in the World Shorthorn Show. Campaigned heavily this summer, she is a daughter of Deerpark Leader 13th and AF Shannon Margie 924. Born June 7, 1983, she topped the late spring yearling female class and went on to become the junior champion female. On show day she stood 56 7/8 inches tall at the hips.

Reserve grand champion female is owned by Ty and Kami Krebs, Gordon, Nebr. Prairie Lane Metric Marvel 4R is a daughter of Ayatollah *ar and out of Prairie Lane Jewel 8J C x. She was born January 17, 1983 and was also the first place winner in the junior yearling female class, in addition to being the Senior Champion female. She stood 59¾ inches tall at the hips.

Other champions included: senior champion bull - Paul C. Wharton & Sons, Arlington, Tx., on Wagon Master x; calf champion bull - Gary Chestnut, Fithian, Il., on CC Cujo x; reserve senior champion female - Hillcrest Farm-Sutherland Shorthorns, Prospect, Ky. on Sutherland Rosewood 282; reserve junior champion female - Gary and Pam Naylor on GPN Danielle's Charly x; calf champion female - Granada Shorthorns on Miss D Cumberland 410.

Pride to entertain at '85 PPF fund-raiser

HERSHEY - Charley Pride, one of country and western music's hottest entertainers, will be the featured performer at the Pennsylvania Poultry Federation's fifteenth annual fund raising banquet, to be held on April 18, 1985, at the Hershey Convention Center, Hershey, PA.

Charley Pride

As a stage performer, Pride is one of the hottest tickets in country music, drawing sellout crowds in the United States, Europe, Australia, New Zealand, Japan; everywhere he performs. As a recording artist for RCA records, he has established a variety of noteworthy statistics, including more number one singles than any other recording artist.

The Poultry Federation hopes to break its banquet attendance record of 1,810, which was set last year. Further information can be obtained by calling the Pennsylvania Poultry Federation at (717) 652-7530.

We were wrong.

An incorrect photo and caption appeared last week on page D2, regarding the story on the Berks County 4-H Beef Club Roundup. Travis Werley and his lightweight champion were incorrectly identified as Greg Zook and his grand champion steer. Pictured above is Greg and his champion, along with buyer Dwight Stoltzfus, of D. Stoltzfus Construction Co., who paid $1.15 per pound for the show's top beef.

Pork Prose

by
Kenneth B. Kephart
Extension Livestock Spec.
University of Del.

***January 8, 1983–105 beef cattle leave a South Dakota feedlot, are sold and sent to slaughter. Over the next six days, the meat is processd and sent to retail outlets in Minnesota and Iowa. In the weeks that follow, 10 people in these two states experience diarrhea, abdominal cramps and nausea. The disease is blamed on a particular strain of Salmonella bacteria, one that showed resistance to the antibiotics normally used to treat salmonellosis.**

***September 6, 1984–In The New England Journal of Medicine, Dr. Scott Holmberg and his colleagues at the Center for Disease Control provide evidence that most of those 10 people had something in common besides their disease. They had hamburger in the week prior to the disease and in all likelihood the hamburger originated in the 105 cattle from the South Dakota feedlot.**

If you're raising meat animals, it's a good bet these events will soon affect the way you manage your operation. Not because the people came down with salmonellosis. And not because the infection came from hamburger. You'll be affected because Holmberg is proposing that the resistant Salmonella were a direct result of feeding these cattle tetracycline during growout. And in my opinion, Holmbery has a very good case.

We've been feeding antibiotics to livestock since the early fifties. Most of these antibiotics are the same ones used to treat illness in humans. Some scientists have a problem with that. They say that bacterial resistance is inevitable when you feed antibiotics to livestock for an extended time. If this resistance can be transferred to bacteria that afflict humans, they say, we may not be able to treat the disease in people.

Using this logic, in 1977 the FDA tried to ban the use of penicillin and tetracycline in animal feed. They didn't have the necessary evidence, so the attempt failed. But with Holmberg's study, the fire is going again and it'll be a while before it dies out.

Just what does that study prove? Here are a few samples:

• Holmbery found that in each of the 10 people who got sick, the strain of Salmonella was exactly the same. And it was unique. He checked 163 Salmonella isolates, both animal and human, from around the country. He found only five that matched those in the outbreak. Four samples were from people in the same area who became sick soon after the outbreak. One was from a dairy calf in a herd next to the South Dakota feedlot.

• Holmberg discovered that about a month before the outbreak, four other patients became infected with the same strain of Salmonella. That brought the total number of cases to 18.

• He contended that most of the patients were infected with meat from the feedlot. Three people received meat directly from that operation as part of a custom-kill arrangement. Ten others ate hamburger originating from the processor who slaughtered the 105 suspect cattle.

• Two-thirds of the patients took antibiotics 24 to 48 hours before the onset of salmonellosis. Holmberg concluded that the antibiotic reduced the numbers of competing bacteria in their systems, so that the resistant Salmonella could cause disease.

The one thing Holmberg did not have was a sample of hamburger from the beef herd, so he couldn't show that the right strain of Salmonella was present in the cattle. Critics of the study say this is its main flaw. What are the chances that all these infections came from another source? I posed this question to Dr. Holmberg during a phone call recently and he quickly replied: "That is so remote that I would stake my life on our conclusion without hesitation."

Another argument against the study is that even if the meat was tainted with Salmonella, the contamination could have come from the slaughtering facility instead of the treated herd. Holmberg agreed this could have occurred, but said the most likely source was the intestinal contents of the cattle, not the packing plant.

Penn State meat scientist Dr. John Ziegler agrees. "It's not rare to find small amounts of Salmonella in meat because of contamination at slaughter. But the Salmonella comes in with the cattle–it's not from the packing plant."

So what do we learn from all this? You'll recall that in most of the human cases studied, problems didn't arise until individuals took antibiotics. Some took them for sore throats, which are often viral infections that don't respond to antibiotics. Other people took antibiotics without doctor supervision. Holmberg's research article concludes with this statement: "We advocate more prudent use of antimicrobials in both people and animals."

Those of us in the livestock industry need to reconsider how we use antibiotics. Feeding low-level tetracycline in this case probably didn't create the resistant Salmonella. but there's little question that the tetracycline allowed it to persist.

Some scientists argue that we've been using antibiotics for so long that the resistant population has probably long since reached equilibrium, and that if we were going to have problems, we'd have seen them by now.

Not so, says Holmberg. "We can show that drug resistance exists. We can show that drug resistant organisms exist in the food chain. And we can show that drug resistance causes disease in humans. But it is incredibly difficult to demonstrate the sequence of events that will link all of these factors together."

I sincerely hope that when more of the needed research data has come in and all of this has blown over, we still will be able to use all the antibiotics available today. We desperately need them in therapeutic amounts to control animal disease and to improve performance during the early growth stage. But as an industry, I think we should be able to swallow the added cost of doing without the routine feeding of low levels of antibiotics during the finishing stage. Not because this study is the final stroke, but because it adds to consumer fears. And if the consumer is afraid of your product, you haven't got a market.

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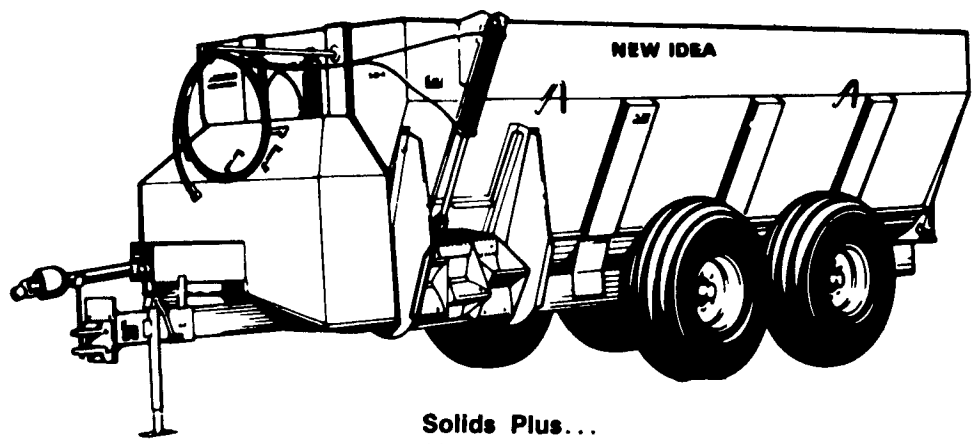

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Simmental Assoc. announces convention schedule

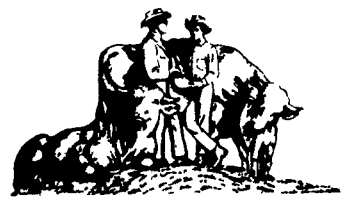
BOZEMAN, Mont. — The American Simmental Association's 17th Annual Meeting and convention, scheduled for Denver, Colorado, January 14-17, will be highlighted by a number of notable events.

Included on the schedule is an "Educational Forum" which will be presented by a panel of several individuals who were prominent in the formative stages of the American Simmental Association. Other events include the honoring of Don Vaniman, former executive secretary of the Association; and National Sale II, a joint effort by ASA and the Colorado Simmental Association.

The educational program features a panel of speakers that will discuss "The Past, Present, and Future of the Simmental Breed". It is designed to review the introduction and growth of Simmental in the U.S. and to provide a base upon which to formulate the breed's future. Included on the panel are such industry leaders as Dr. Ray Woodward, retired Head of the U.S.D.A. Livestock and Range Research Station, Miles City, MT; Dr. Bob Walton, president, American Breeder's Service, DeForest, WI; Roy Wallace, beef specialist, Select Sires, Plain City, OH; Dr. Bernard Jones, Dean of Agriculture of the University of Nevada-Reno, formerly with Curtiss Breeding Services; Ancel Armstrong, past ASA president, New Breeds Industries, Manhattan, KS; Lou Chesnut, also a past ASA President, and former Federal Land Bank officer, Spokane, WA; Dave Nichols, Simmental breeder, Nichols Farms, Anita IA; and Dr. Harlan Ritchie, Animal Science professor, Michigan State University. This comprehensive program will be held Tuesday afternoon, January 15, at the Regency Hotel.

Vaniman, who was the first full-time employee of the Association, will be honored during the Awards Banquet, Wednesday evening, January 16. Among the honors he will receive is the World Simmental Federation Golden Book Award.

National Sale II, being held for the second successive year in Denver, will begin at 1:00 o.m. on Thursday, January 17 in the



National Western Sale Arena. Transcon Livestock Services of Calgary and Denver is managing the Sale, while Bill Lefty and Joe Mitchum will share auctioneering duties.

ASA Convention headquarters will be the Regency Hotel, which is located not far from the National Western grounds. Interested individuals should contact the American Simmental Association, One Simmental Way, Bozeman, MT 59715 (406) 587-4531) for additional Convention information and appropriate registration forms.

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Palmer inducted into Polled Hereford Hall of Fame

KANSAS CITY, MO. – George C. Palmer II of Charlottesville, Va., has been selected by the American Polled Hereford Association (APHA) board of directors for induction into the Polled Hereford Hall of Fame.

His bronzed hat will be hung in the APHA Hall of Fame in Kansas City, Mo., as a fitting tribute to his outstanding contributions to the breed's progress. The official induction ceremonies will take place during the 62nd National Polled Hereford Convention-Show-Sale in Fort Worth, Texas, Jan. 23-

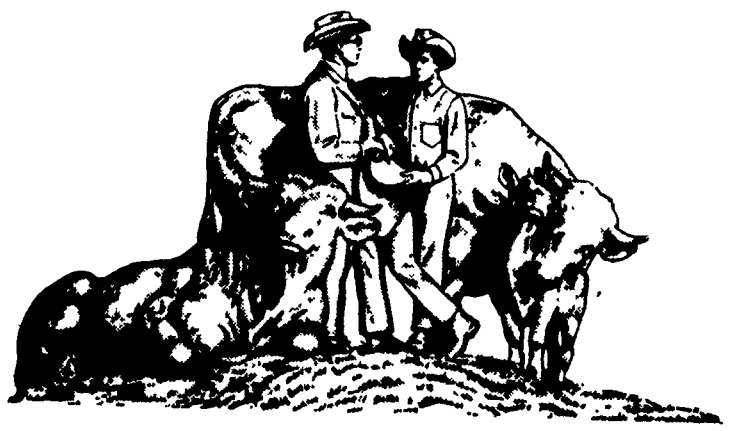
Since buying his first Polled Hereford bull in 1946, Palmer has been a strong supporter of both the Polled Hereford breed and the entire beef cattle industry. Palmer made his first Polled Hereford purchase for Riverdale Farms following an intensive search for "just the right animal." After serving as a pilot in the U.S. Army Air Corps in World War II, Palmer returned to Virginia and purchased a Choice Domino 39 son to use on his Hereford cow herd.

Palmer feels that performance records are essential for the registered breeder, and enrolled his herd on the Virginia Beef Cattle Improvement Association (BCIA) program in 1954. He has been working with APHA's Guide Lines program since its inception. He has also been highly influential in the Virginia Beef Cattle Improvement Association and has served as their president. In 1981, the Virginia BCIA selected Palmer as their Seedstock Producer of the Year.

He has also served as president of the Eastern Polled Hereford Association (PHA), and as a director on the state fair board, the Virginia Cattlemen's Association and the Virginia Hereford Association. The Virginia PHA selected Palmer as the recipient of the John H. Royer Service to the Polled Hereford breed award in 1980. In 1972, Palmer was elected to the American Polled Hereford Association Board of Directors, and in 1973-74 he served as the Chairman of the Board.

In addition to operating Riverdale Farms since 1950, Palmer has been president of Piedmont Tractor Company Inc., a retailer of John Deere farm and industrial equipment.

Palmer and his wife, Susanne, are the parents of a son and daughter.



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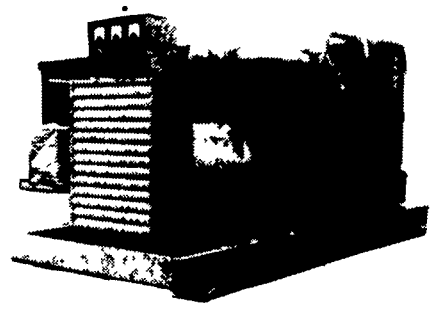

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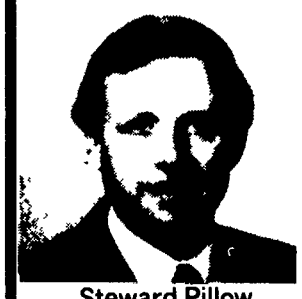

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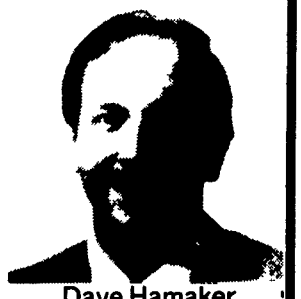
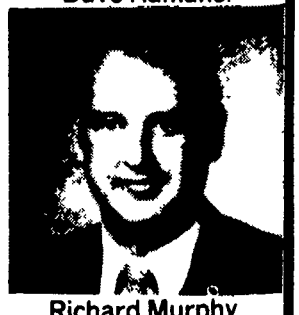


Dave Hamaker



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Conley elected Angus Assoc. president

LOUISVILLE, Ky. — Bill Conley, Groton, Massachusetts, was elected president of the American Angus Association for 1985 at the organization's 101st Annual Meeting November 12, in Louisville, Kentucky.

The 233 official Angus delegates from throughout the United States also elected Dr. Arthur Bartenslager, Churchville, Virginia, as vice president and elected five members to the American angus Association board of directors. Directors named to their first year term on the board were: Andrew Starr, Sunbright, Tennessee, Fred Smalstig, Millbrook, New York; and Vance Uden, Franklin, Nebraska. Re-elected to their second term on the 15-person board were Gary Dameron, Lexington, Illinois, and Harvey Lemmon, Woodbury, Georgia. The 1985 Angus board of directors at their meeting the next day, elected Joe Neely, Franklin, Kentucky, as treasurer of the Association. Neely is also a member of the Association board.

Conley replaced retiring president Bill Bedingfield, Yale, Oklahoma, Conley has been manager of Gibbet Hill Farm, Groton, Massachusetts, for more than 30 years, where he oversees a

Bill Conley

200-cow Angus herd plus 1,200 acres devoted to crops, apple orchards, tree farming and fuel wood production.

He was vice president of the American Angus Association last year, and for six years prior to that was a member of the board of directors. As vice president he was chairman of both the executive committee and chairman of the board of Angus Production Inc., publisher of the Angus Journal.

Dr. Arthur Bartenslager, the new vice president, this year completed six years on the Association's board of directors. He was a practicing farm veterinarian from 1937 to 1947, and associate professor and head of the department of obstetrics and animal reproduction at the school of veterinary medicine at the University of Pennsylvania from 1947 through 1967. He started in the Angus business in 1938 and currently operates a 300-cow registered herd on 1,400 acres in Augusta County near Churchville, Virginia.

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BUSINESS NEWS...

Early seed ordering advised

MISSION, Kan. – By ordering or purchasing next season's seed before the end of the year, farmers gain a financial edge, and are better equipped to plan according to their individual growing needs, contends University of Missouri ag economist Ron Plain.

"Ordering or purchasing seed early means the farmer can lock in a certain price, and guarantee delivery at a specific time," Plain points out. "This is insurance against price hikes, and protects the farmer from shortages of both existing or new, top-performing varieties."

Typically, Plain continues, "popular new varieties are not available in great quantities. And since much attention is usually focused on these new varieties, farmers are often anxious to try them out in their fields. So, it's necessary to get orders in early to ensure delivery."

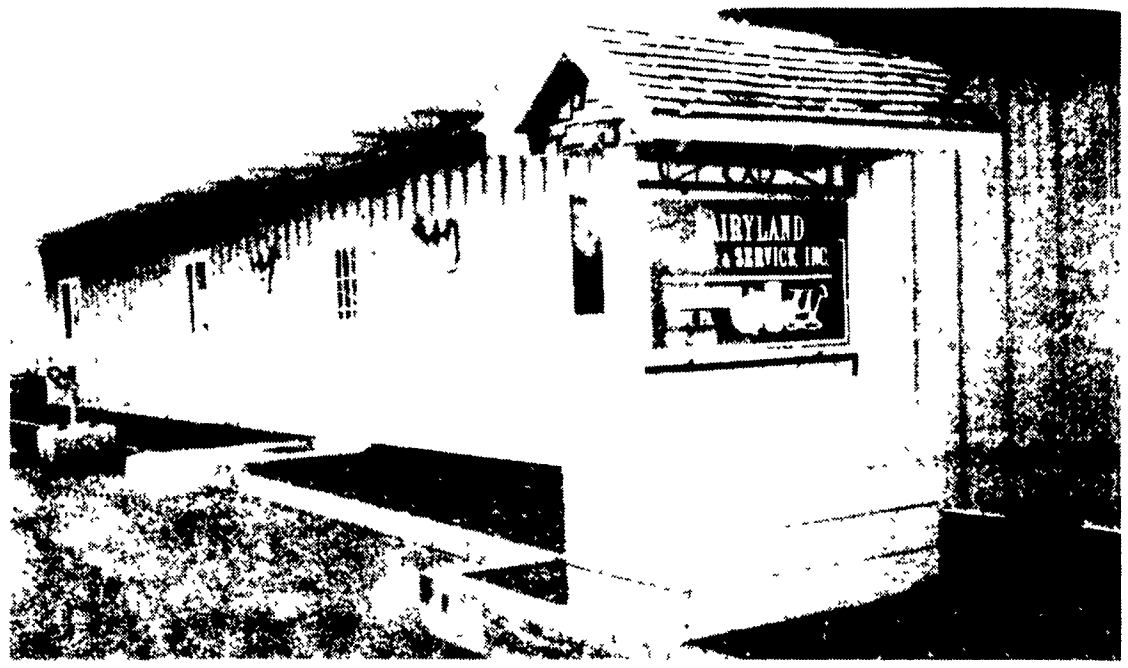
Seed companies may also offer financial incentives on early seed orders, which lower the farmer's upfront costs, says Trevor Bower, director of Agronomic Services for Agripro, a Mission, Kan.-based seed company.

Early seed orders and purchases also guarantee farmers get the varieties and hybrids they want, especially during times of reduced seed supplies, Bower says. "It's not unusual for adverse weather conditions, or government-initiated crop reduction programs to decrease supplies of certain varieties," he notes, pointing to last year's PIK program and this past spring's heavy rains in many parts of Iowa and Nebraska. "While such conditions may not drastically deplete overall supplies, there may be regional shortages," he says.

In addition to assuring the quality and quantity of seed desired at a discount, advance seed purchases provide tax advantages, ag economist Plain interjects. "Cash basis farmers buying seed before Jan. 1, 1985, for example, can deduct the cost from Schedule F, Line 37 of their 1984 Federal Income Tax Form. This," he says, "is a direct deduction just like fuel or repairs would be."

To take advantage of this deduction, Plain says, most early purchases are made in December. "However, these farmers may also have ordered early at a discount, or taken advantage of a seed company's early cash payment program, which means additional savings," he points out.

The combined advantages of purchasing or ordering seed early benefit the farmer overall, Plain feels. "He can lock in an affordable price, perhaps get seed at a discount, and then deduct the actual cost from this year's federal tax form," he says. "Every farmer should look at his own cash flow situation to see if this is an economically feasible move to make."



Dairyland Sales and Service of Troy, Pa., offers a complete line of high-tech milking equipment, and in addition to displaying their products, they also encourage farmers, educators, and aspiring dairymen to come test the equipment at their Dairyland showroom.

Dairyland Offers High-Tech AgriBusiness Products

Just four short years ago, Jim Kelly and his wife, Janet, started their milking equipment business in an old gasoline service station. Today Dairyland sales and Service, Inc., has grown into a high-tech Bradford County agribusiness.

Kelly, who was raised on a dairy farm sees a need for true professionalism in the industry.

Dairyland of Troy RD3 employs nine people, aside from Kelly and his wife. It is considered one of the top Westfalia dealers in the nation.

Before Dairyland was incorporated, the Kellys had long been active in the dairy farming business, as well as in the farm equipment business. The career change was right for them because when they sold their dairy business, which included Jersey cow stock, the Kellys were first in Pennsylvania for milking, and ranked ninth nationally.

After living for a few years in Virginia, where Jim gained some valuable experience with dairy farm equipment, the Kellys moved to Bradford County in 1980 and so the story of Dairyland began.

Being one of the largest milking equipment dealers in the northeast, Dairyland touts a showroom of top-of-the-line Westfalia equipment, which is also available for farm group meetings to demonstrate proper milking techniques and procedures.

He has expanded his product lines and displays just about everything Dairyland sells for farmers to familiarize themselves with.

Their new facilities display equipment like Mueller Dairy Equipment, Mueller Bulk Milk Coolers, refrigerated receivers, storage tanks, high pressure washers, Windpower alternators, Bedding Choppers and much more at the Dairyland open house.

Dairyland is located just three miles outside of Troy on Route 6.

Dekalb reopens 3 plants

DeKalb, IL. – DeKalb-Pfizer Genetics has reopened three production plants to meet increased customer demand, announces Chuck Lindhart, Vice President of Operations for the company. The three plants, located at Monmouth and Mason City, Illinois, and Humboldt, Iowa, will be fully operational by the spring of 1985.

The Monmouth, Mason City, and Humboldt plants will help DeKalb-Pfizer GENETICS to better serve the seed needs of each surrounding area," stated Lindhart. "They will also play an important role in our long-range plans to increase the company's production–we will be producing to meet the growing demand for our products."

The Monmouth plant will serve as a seed production center for ten of DeKalb-Pfizer's most popular corn hybrids for Illinois, while the Mason City facility will be converted from corn to soybean production, and will produce seven soybean varieties. The Humboldt plan will produce ten corn hybrids for north-central Iowa.

All three facilities will contract with area farmers to grow seed under DeKalb-Pfizer's standards and supervision. Seed will be conditioned, bagged, and delivered to the company's dealers under procedures assuring the highest quality seed available. Each plant should contribute more than one million dollars annually to its respective community, according to Wid Crawford, Executive Vice-President for the company. This contribution includes salaries, operating expenses, and additional seed payments to area growers.

The three plants were closed in 1982 for reasons of company efficiency. The reopening by DeKalb-Pfizer GENETICS is in response to increased production demands, and part of a long-term company growth program. Based in DeKalb, Illinois, the company is an international researcher, producer, and marketer of corn, sorghum, soybean, sunflower, and alfalfa seed.

New row crop cultivators debut

CARLISLE – Bush Hog has introduced four new row crop cultivators that offer farmers a chance to choose the styles and features they need, according to Bob Weaver of Carlisle, Bush Hog representative for Pennsylvania and New Jersey.

The four basic series available are Danish tooth, high clearance, spring-tooth and spring-trip models.

"All four series are available in four, six, eight and 12-row models which are easily adjustable for 24" to 40" and either rigid or wing-type tool bars," said Mr. Weaver.

The wing models are equipped with wing stops at the end of the toolbar sections that level the wings for smoother operation and prevent wing drag during field work. The wings fold flat during transport to reduce stress at the hinge points and the hydraulic cylindars are enclosed in the toolbar for extra protection.

The Danish tooth cultivator is equipped with vibrating shanks that flex in any direction for high-speed performance in tough soils. The high clearance cultivator has eight extra inches of working height to clear taller crops for cultivation later in the growing season. The spring-tooth cultivator is equipped with three or five-tooth gangs to shatter the soil and shake trash loose.

In rocky soils, the spring-trip shanks give way when they encounter obstructions and are engineered for faster, easier resetting. Gangs on this series can be used with wider sweeps to root out weeds in hard, problem soils and they can be set to run closer to the rows for precision cultivation of vegetable crops.

Double-yoke parallel gang linkages on the Bush Hog cultivators align the gangs properly between rows so they won't sidestep tough weeds, Mr. Burg notes, while optional spring-loaded stabilizer coulters can be installed to prevent sideslip on hilly or rough terrain.

Among companies that exclusively manufacture implements for farming and land maintenance, BushHog is the nation's largest with more than 120 products and 3,000 dealers.

For further information, contact Bush Hog, Department NR-RC, P.O. Box 1039, Selma, AL 36701

New row crop cultivators have been introduced by Bush Hog.

Beachley cites new varieties

CAMP HILL — A high-yielding alfalfa and red clover are among several new varieties recently announced by the Beachley-Hardy Seed Company, with headquarters here and facilities in Butler, Pa., and Waterloo, N.Y. According to Frank Welch, Beachley-Hardy marketing director, the other introdcutions include four new Hardy Brand corn hybrids, and a reed canary grass with excellent palatability.

WL 320 combines outstanding yields with excellent disease resistance to Phytophthora Root Rot and Verticillium Wilt, and has performed exceptionally well in trials to date. The addition of WL 320 brings to six the total of W-L varieties that are distributed exclusively in the Northeast by Beachley-Hardy.

Starglo Red Clover is an excellent yielder with very high levels of resistance to both Northern and Southern Anthracnose, along with good spring vigor and exceptional persistence.

New Palaton Reed Canary grass is a winter hardy variety with a significantly lower alkaloid content. Cattle and sheep tend to find it more palatable than varieties with a high alkaloid content. Palaton thus offers the producer a chance to increase gains with no other changes in his operation.

Four new corn hybrids round out the Hardy Brand line. They include Hardy 760XS for high yields and excellent test weights; Hardy 370XS, with good seedling vigor for early planting; Hardy 195XS for fast drydown and high early yields; and Hardy 165X, and excellent choice for grain or silage production in early areas. For more information, contact Frank Welch, Beachley-Hardy Seed Co., P.O Box 335, Camp Hill, PA 17011.

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Saint gets top award

PLAIN CITY, Oh. — The "Premier Sire" award at a National show is a prestigious honor. At the recent 1984 North American International Livestock Exposition (NAILE) in Louisville, Ky., 7J123 Favorite Saint, a highly proven sire of production and fancy type, earned this honor. He was named "Premier Sire" of the All-American Jersey Show, the largest Jersey show in the country. The annual show attracted cattle from all parts of the United States and Canada.

Saint daughters paraded the ring with blue ribbon success and attracted the eyes of many Jersey breeders. W.F. Saint Lorita from Frank M. Senn & Sons of Newberry, S.C., placed second in the National Jersey Jug Futurity; a high powered class of three-year-olds. First place Junior two-year-old, Praldo Saint Deni Polly, was exhibited by Praldo Jersey Farm of Burbank, Ohio. An additional fine showing of a SAINT daughter was turned in by Saints Favorite Sybil. This EX-91 contract cow with Select Sires led the three-year-old class for Hobbs Jersey Farm of Mineota, Tex. These three individuals excelled in their respective classes, with many other Saint daughters also placing high.

One of the finest showings ever in NAILE history took place in 1984 with Saint making a strong genetic contribution to this exhibition of excellent Jersey cattle. 7J123 Favorite Saint is the Premier sire for 1984. He was bred and developed by Cedarcrest Farms, Faunsdale, Alabama and is available through Select Sires.

Angus bulls top report

DE FOREST, Wisc. — Bulls in service at American Breeders Service dominate the 1984 Sire Evaluation Report recently released by the American Angus Association. Two of the firm's bulls are ranked at the top in the Weaning Weight and Yearling Weight categories.

The report which evaluates and compares 858 Angus bulls on the basis of traits important to beef cattle producers, lists the ABS bull Mentieth of Graham as having the highest rating for Weaning Weight. Mentieth's Expected Progeny Difference (EPD) rating indicates that his future calves are expected to weigh 54 pounds more than those from average bulls on the same test, when weaned.

Baldridge Oscar, which ABS owns jointly with Jim Baldridge, North Platte, Nebraska, and Vermillion Ranch, Billings, Montana, claims the second highest rating in the Yearling Weight category. His EPD of nearly 87 1/2 pounds rounds out the appeal of this four-year-old who had earlier gained a great deal of popularity by being made Grand Champion at the 1982 Northern International Livestock Exposition in Billings and Reserve Champion at the National Western in Denver the same year.

ABS, with its headquarters in DeForest, Wisconsin, makes semen from 23 Angus bulls available to cattlemen across the nation and in several foreign countries.

Agway honors Miller

Bradley E. Miller, of Hummelstown, received the General Manager's Cup for highest number of points achieved by farm systems salespersons at Agway Inc. during 1983-84. The award was presented by William A. Hiller, left, general manager and chief executive officer, at the recent 20th Agway annual meeting in Syracuse, N.Y.

Miller's wife, Barbara, and Arnold Wienk, region 8 manager for Agway, looked on during the presentation. Miller joined Agway six years ago and is a farm system salesperson for the cooperative.

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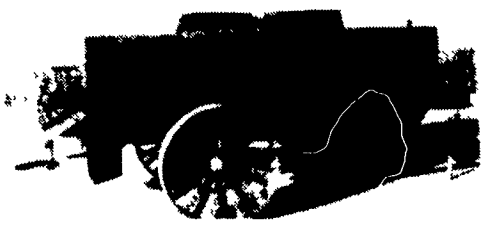

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Diesel eqipment storage tips outlined

RACINE, WISC. – When diesel engine powered machines are put into storage for 30 days or more, they can be protected from rust, corrosion and parts damage by following procedures recommended by service experts at J I Case.

First, move the machine to a location which is dry and protected, preferably inside a heated building. While the engine is still warm from operation, change the engine oil, replace the engine oil filter, and clean or replace the air filter. The following steps will protect the valves and the walls of the cylinders.

Remove the fuel from the tank. Put one or two gallons of diesel flushing oil (according to Operator's Manual) into the fuel tank. Start and operate the engine until blue or white smoke comes from the exhaust stack. This smoke shows that the regular diesel fuel in the filters has been used and that the diesel flushing oil is being burned.

Operate the engine for another 10 minutes. Stop the engine and remove the diesel flushing oil from the fuel tank. To prevent rust, put one level tablespoon of Shell VPI 260 crystals into the tank.

Check the coolant to see if it will protect against freezing at the lowest temperature expected. If not, drain the coolant from the system while the engine is warm. Keep open the drain valves for the radiator, engine block and oil cooler, and loosen the radiator cap. Put a "Do Not Operate" tag on the instrument panel. Note on the tag there is no coolant in the system.

Remove the battery and put it in a cool, dry place on a block of wood. Use a hydrometer to check the battery every month, and make a record of the hydrometer readings. When the reading falls to 1.215, charge the battery.

Lower the hydraulic system attachments onto wood blocks. Stop the engine and move the equipment control levers in both directions several times. This will release pressure in the hydraulic system circuits. Put a special corrosion inhibitor grease on the cylinder rods to prevent corrosion.

Once a machine has been in storage, there are six steps to follow before it can be put back in operation.

If the coolant was drained from the cooling system, refill it. Use the correct mixture of clean water (with a low mineral content) and ethylene glycol.

Make sure the engine oil is at the correct level.

Install the battery, checking to see that it is at full charge.

Fill the fuel tank.

For a diesel engine, replace the fuel filters and remove the air from the fuel lines.

Start the engine and run at idle speed. Remove the valve cover and make sure the valves are working freely and that the rocker arm assemblies are receiving lubrication.

By following these procedures (and any others recommended by the Operator's Manual) for winter storage of equipment, the engine and all systems will be properly protected.

Hesston rodeo telecast slated

HESSTON, Ks. – Hesston Corporation and its participating farm equipment dealers will again present a two-hour prime-time telecast of the National Finals Rodeo from Oklahoma City this year, featuring the top cowboys and cowgirls of the Professional Rodeo Cowboys Association (P.R.C.A.) and Women's Professional Rodeo Association (W.P.R.A.). Nineteen eighty-four marks the 26th year of NFR competition, and the eleventh consecutive year that Hesston has televised Prorodeo's premier event.

A network of more than 200 stations throughout North America will broadcast the National Finals. The telecast is scheduled for 8 p.m. CST, Sunday, Dec. 9, on most U.S. stations and will air in prime time in Canada on Saturday, Dec. 15.

Recognized as the "World Series" of Prorodeo, the NFR climaxes the nearly 600 P.R.C.A.-sanctioned rodeos held across the country during 1984.

To qualify for the NFR, entrants must be among the top 15 money winners in their respective event or events for the year. To win a World Championship, they must rank first in their event after the final NFR performance. The 1984 telecast will carry the six standard Prorodeo events: bareback bronc riding, steer wrestling, team roping, saddle bronc riding, calf roping, and bull riding. W.P.R.A. barrel racing will also be featured.

Hesston's two-hour telecast will begin with a half-hour segment called "Prorodeo Countdown to Glory," which highlights action from the first nine rounds of the NFR. The remaining hour-and-a-half of the show will carry the same-day action of the final championship performance to be held on Sunday, December 9.

This year, coverage of the first nine NFR performances will be televised live via cable television. Color commentary during both the cablecasts and the final "prime-time" performance will be handled by veteran announcer Hadley Barrett, six-time World Champion Cowboy Larry Mahan, and the popular Bob Tallman, whose "The Great American Cowboy" radio broadcasts are heard over 250 stations each week. Country-western singer Red Steagall will host the final show.

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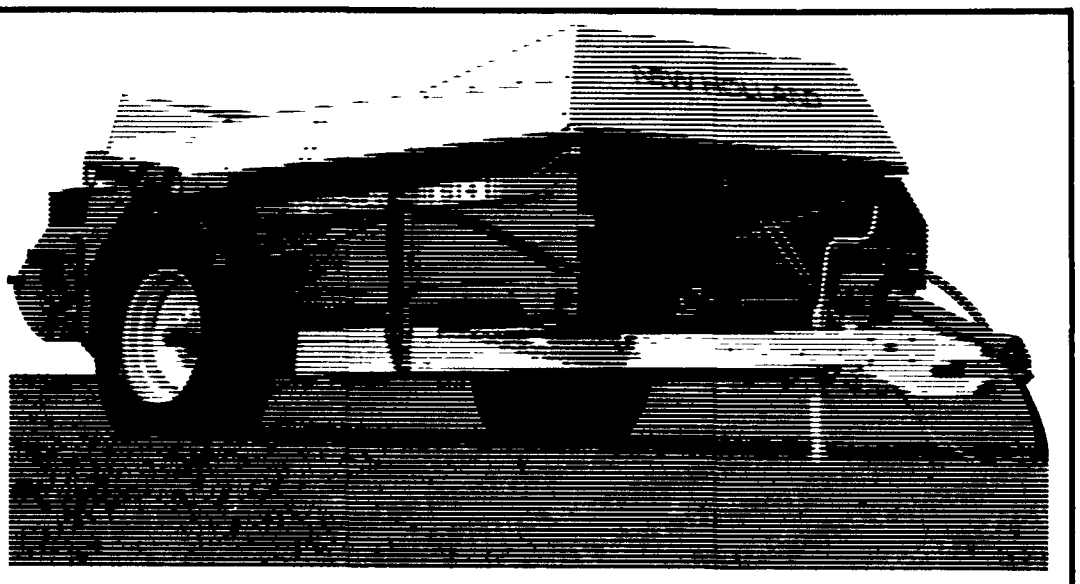

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Isoplus boosts daily milk production by 5 lbs.

DETROIT, Mich. — A regulation authorizing the use of a new nutritional supplement for dairy cows has been issued by the FDA. The new product has been released in Michigan by Eastman Chemicals Division of Eastman Kodak Company, announced Robert Morrow, marketing planning.

"The new supplement, Eastman IsoPlus nutritional supplement is currently being test marketed in Michigan and will give Michigan dairymen the opportunity to produce more milk from their present herds, or to cull cows and still maintain their current production," said Morrow.

When fed at rate of 0.18 pounds per head per day, IsoPlus improved milk production by an average of apporximately 5 pounds of milk per cow per day over the full lactation period, according to feeding trials conducted at nine universities, including six years of testing at Michigan State University.

"Along with the university trials, Eastman IsoPlus has also been field tested on a number of commercial dairy herds throughout central Michigan," reported Dr. John Rogers, animal nutritionist, Eastman Technical Service & Development Division. "In these field trials, IsoPlus improved the herd average by five to six pounds of milk per cow per day."

Additional field trails are also currently underway in 59 dairy farms across the state. These trials are being conducted in cooperation with major feed and premix companies in the Michigan market. "By conducting these field trials on-farm, we are building a data bank of information to demonstrate to Michigan dairymen and their suppliers that IsoPlus is not only effective at the university level, but also, in the field," says Rogers.

IsoPlus is a combination of four volatile fatty acids found naturally in the cow's rumen, explained Rogers. These acids, isobutyric, isovaleric, 2-methylbutyric and valeric are supplied as calcium salts and provide a mild buffering action to the animal. IsoPlus is not a drug, he stressed, and can be mixed in feed without the FDA 1800 form.

IsoPlus has been tested in a variety of typical dairy rations, including forage sources of corn silage, alfalfa hay and alfalfa haylage. It has also been tested with a variety of grain and protein sources, including corn, soybean meal, brewers grain, urea and highbypass protein supplements, continued Rogers. "To ensure a successful introduction, Eastman has a team of four field marketing representatives, four animal nutritionists and two technical service specialists that will provide technical information and support for Michigan dairymen," added Morrow. "By providing this level of support, we're prepared to give every dairyman the information he needs to use IsoPlus successfully."

IsoPlus is available through the major feed companies, premix companies and co-ops and can be fed in a variety of ways, said Rogers. "IsoPlus can be mixed in a total mixed ration, used as an additive in a vitamin-mineral premix, fed as a straight top dress or as an additive in a protein supplement."

"IsoPlus is safe," added Rogers. "There are no side affects, milk residues or changes in milk composition. In fact, IsoPlus has been fed to dairy cows at 10 times the recommended amount with no adverse health effects."

Although this is Eastman's first product for the dairy industry, there are several more being researched, said Morrow. "For example, we are currently testing a rumen-protected amino acid product that will supply amino acids past the rumen of the beef and dairy animal. We have also identified several other animal nutritional supplements that have the potential to improve productivity in the ruminant animal."

Tillage data available

COLCHESTER, Il. — Yetter Manufacturing Co. offers a new 6 page, 4-color brochure that shows how to make mini-till farming operations easier and more successful than ever.

Information about the firm's popular lines of mini-till equipment include the Yetter Trash Master, Disc Chisel Coulter, Fertilizer Coulter and Heavy Duty Coulter. Also, explained is a simple system for converting IH Early Riser planters to minimum tillage operations with easy-to-mount Yetter attachments that provide one-pass, uniform planting performance with greater effectiveness and efficiency.

For a copy of the new brochure, write Yetter Manufacturing Co., Colchester, IL 62326-0358 or call toll free 800/447-5777. In Illinois call collect 309/776-4111.

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Colostrum with bicarb test outlined

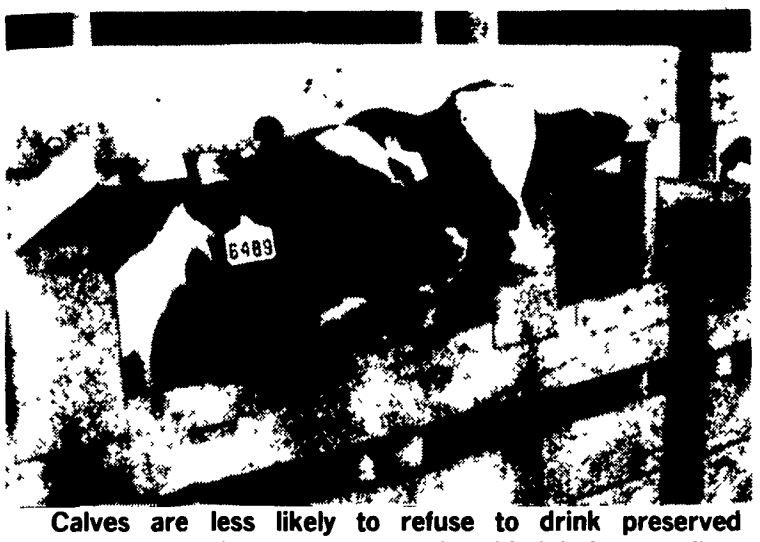
CLEMSON, S.C. – Although preserved colostrum is a cost-effective method of feeding young calves, many calves object to its acid taste, says Dr. Bruce F. Jenny, professor of dairy science at Clemson University. But new research shows that sodium bicarbonate improves palatability of fermented or preserved colostrum by reducing its acidity, he says.

Jenny's research compared performance of calves fed four different colostrum diets. The diets were: 1) naturally fermented colostrum, and colostrum preserved with 2) sodium benzoate, 3) propionic acid, and 4) formaldehyde.

Half of the calves received 25 grams–or about 1 ounce–of sodium bicarbonate, added to the colostrum just before feeding. The other half of the calves did not receive bicarb.

The taste test showed a big difference in palatability between diets with and without bicarb. Calves not receiving bicarb refused 22 percent of their colostrum during the first week compared to only 9 percent refusal when bicarb was added.

Refusals decreased in the second week. This is consistent with other research studies which show that bicarb is more effective in helping calves consume acidified colostrum early in the feeding period, Jenny says.



Calves are less likely to refuse to drink preserved colostrum if sodium bicarbonate is added before feeding, according to research at Clemson University.

The researcher found no differences in rate of gain or feed efficiency of calves fed bicarb compared to those not fed it during the first four weeks of the trial. Although all calves gained at an acceptable rate, gain and feed efficiency for the entire six week trial slightly favored calves not receiving sodium bicarbonate.

Studies at other universities did not show this decrease in performance of calves fed colostrum with bicarb added. But in these other studies, calves were not abruptly removed from the bicarb treatment at weaning.

Jenny concludes from his study that bicarb has a role in naturally-fermented and chemically-treated colostrum by making colostrum more acceptable to young calves

Pa-Dot Farm bull goes to ABS

A young Holstein bull, Pa-Dot Rodney Dangerfield, bred by Pa-Dot Farm, Cochranville, has been selected by American Breeders Service to enter their Progeny Testing Program.

He has been moved to that company's facilities at DeForest, Wis., where he will join approximately 200 other bulls being tested this year. During testing, Pa-Dot Rodney Dangerfield will be mated to 700 cows in herds associated with ABS in their testing program, from all across the United States. After a four-year wait, during which his progeny will be evaluated, a decision will be made as to whether or not he enters into regular semen production.

Pa-Dot Rodney Dangerfield is the result of a specially planned mating between the highly regarded Cal-Clark Board Chairman, +$185, +1,597M and +48BF, and Pa-Dot Rocket Babe Roma. His dam has production records to 33,060 lbs. of milk. She is classified VG-86 and is sired by Whittier-Farms Apollo Rocket.

ABS is the nation's largest A.I. organization and supplies semen to each of the 50 states and to over 65 foreign countries.

MMI to meet Wednesday

STRONGSVILLE, Oh. – An indepth review of the current happenings within the dairy industry and a look at the proposals for the dairy provisions of the 1985 Farm Bill will be the key topics at the annual meeting for Milk Marketing Inc. (MMI), on Wednesday, at the Fawcett Center for Tomorrow, Columbus, OH.

Delegates will also vote on a proposed by-law change and ratify the tellers' report on district elections to the MMI board of directors.

Registration for the day-long meeting will begin at 9:30 a.m. The meeting will start at 10:30 a.m.

Nearly 250 voting delegates from MMI's eight state area are expected to attend. Voting delegates are elected by the more than 9,000 members of MMI. Last year MMI marketed more than 4.7 billion pounds or nearly 547 million gallons of milk.

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- On-the-go engagement
- Automatic limited-slip differential
- Rugged construction

PLUS ... TW-5, TW-15, TW-25 and TW-35 tractors are backed by a full 3-year warranty plus free maintenance for 3 years. Virtually all you'll buy is fuel and fluids for replenishment for the first three years or 2,500 operating hours, assuming proper care and maintenance. Stop in for all the details.

*Manufacturer's estimate

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Stanchion computerized feeding explained

SHERIDAN, Wy. – For the first time, dairymen with stanchion barn operations can have the cost-saving advantages of computerized feeding. A new system, the Farmtronix SFS (Stanchion Feeding System), is now available from the Sheridan, Wyoming firm.

According to Farmtronix, the new system challenges each cow to peak higher and maintain her peak production longer while possibly improving butterfat content. It lets dairymen adjust feeding levels to match each cow's genetic potential and stage of lactation.

The new Farmtronix SFS is fully automated to save dairymen both feed and labor. It automatically feeds one or two rations – even high-moisture corn. In addition, it's designed to feed cows several times a day. This practice, research shows, maintains a more suitable rumen pH for greater milk production and improved butterfat content.

With the new Farmtronix SFS, dairymen also can help their cows cycle more on schedule while maintaining top production, the company says.

The new system provides accurate written reports on many important management functions. These include daily and month-to-date feed consumption totals for each cow or the entire herd, reports on feed consumption vs. a preset allocation for each cow and an alarm report to identify cows off feed, signaling possible illness or heat detection.

These benefits quickly can pay back the initial cost of the system, Farmtronix adds. Similar computer-controlled feeding systems for parlor operations have been shown by university research to average a payback period of 15.6 months.

Operating the new Farmtronix SFS is simple, the company claims. Dairymen first enter their feeding instructions by pressing numbered keys on the control panel. Feed then is automatically sent to each cow via a traveling trolley-type feeder that runs along overhead tracks.

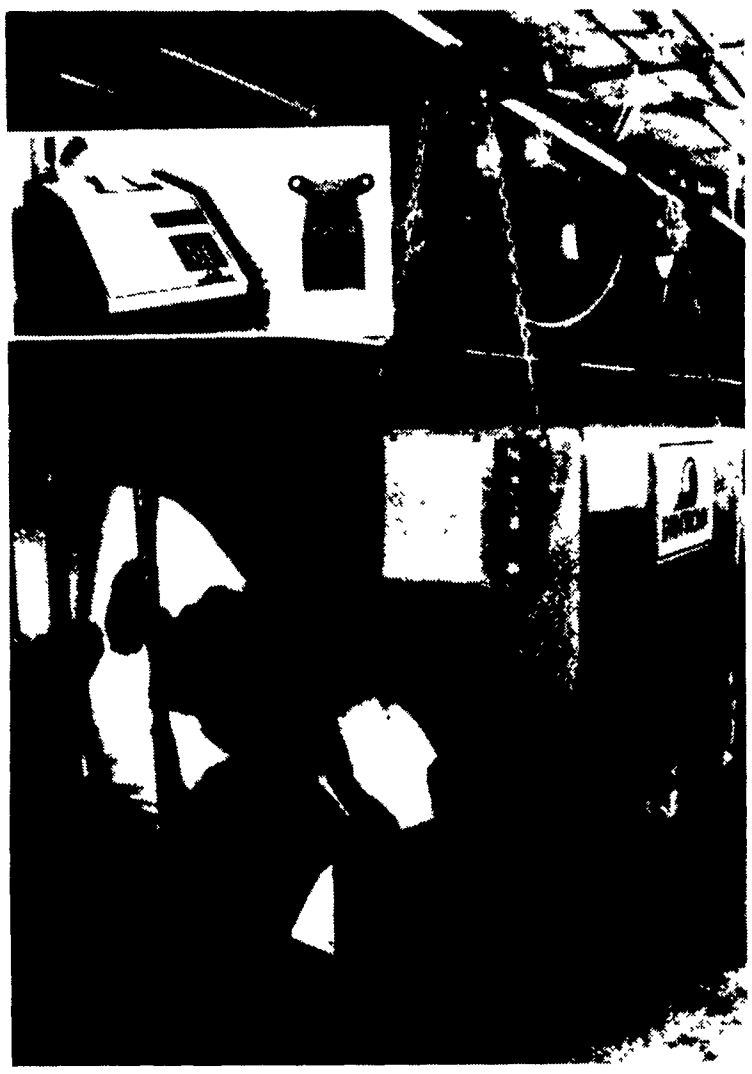
Each cow receives feed the instant her tag activates the identifier on the feeder. Feed then is dispensed at a set rate and automatically stops when the cow has eaten her allocated share or when she moves away.

Radio frequency tags deliver positive identification at the feeder regardless of mud, manure, moisture or weather, Farmtronix says.

For dairymen who periodically move cows to a dry lot or pasture, stationary feeders may be placed for fully automated feeding with the same computer.

A Farmtronix representative will help dairymen plan the new system to fit any stanchion facility.

Farmtronix is a manufacturer and marketer of computerized animal feed and management systems based in Sheridan, Wyoming. Dairymen may call toll-free at 1-800-443-8916 for more information.



Computerized feeding is now available for stanchion operations from Farmtronix.

Fertilizer industry must shed voodoo image

MONTGOMERY, Al., — "The fertilizer industry in 1984-85 is a sophisticated, technical business. We must shed the voodoo agronomics image of the past and serve our U.S. farmer customers with aggressive marketing that they deserve," stated Jay J. Vroom, Executive Vice President and CEO of the National Fertilizer Solutions Association (NFSA).

Vroom spoke here at the Fall meeting of the Alabama Soil Fertility Society. "It is the challenge of those of us in the fertilizer industry to both shed the image of the past and put to rest antique thinking about plant nutrients in general. We have to communicate to the farmer the knowledge that we already have gained via research about the efficiencies of sophisticated approaches to plant nutrient delivery. For instance, the farmer has to understand the concepts of strip application versus broadcast before we can market this concept aggressively."

Vroom explained that the industry has not yet come close to wringing the last drop of potential out of all the current technological innovation that is known and backed by completed research. "The Fluid Fertilizer Foundation of the NFSA, along with other industry research endeavors, has proved the value of new technical approaches to application systems, such as strip application. However studies of farmer attitudes and perceptions show that we have not done a good job of educating the farmer on all that we know on the technological front. We have to get that job accomplished."

"In 1984-85 we ought to be focusing on communicating three simple and essential variables when examining fertilizer nutrient needs of every farmer situation – soil fertility needs to be (1) site specific, (2) crop specific, and (3) tillage specific. With the tremendous attention and application being given to conservation tillage practices around the country, we have to take a fresh approach to crop nutrient needs and how we go about delivering the nutrients that are called for." Vroom suggested that the industry take advantage of all the knowledge that is currently available and prepare for the next wave of technological discovery.

"With the temendous advances that we've already enjoyed, the next wave of research advances promises to be just as exciting – or even more so. We have a big job to do in communicating our current knowledge and preparing our customers for what is most certainly ahead of us."

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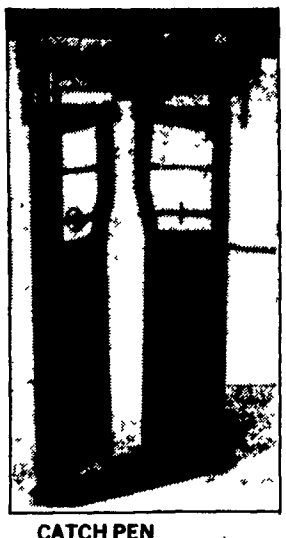

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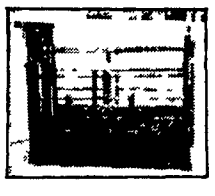

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Chester County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

September, 1984

The cow with high fat and high milk was owned by Melwood Farm

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS MILK	LBS. FAT
Melwood Farm	3	36 7	87 9	22 231	870
Ardrossan Farms	1	120 7	88 5	19 367	828
Dunwood Farm	3	55 6	88 7	19 376	786
Robert E Pepple	3	64 9	84 7	19 979	783
H & R Mason	3	104 7	89 5	19,907	766
Jonas B Stoltzfus	3	48 0	89 6	19,175	753
Paul King	3	73 6	91 4	19,098	735
Vernon Guest & Son	B3	90 6	89 3	18 509	733
Joseph Lusby	B3	40 6	88 1	18 873	733
Willowland Farm	3	59 2	87 4	19,460	732
George P Lamborn	3	35 7	87 7	19,428	729
Maplesway Farm	3	68 6	89 1	19 568	727
Abner R King	B3	36 7	85 6	17,975	723
John S Stoltzfus	3	73 0	87 4	18,554	718
David E Weaver	3	92 7	86 4	18,164	717
Herman Stoltzfus	3	58 3	86 1	18 693	712
Hargret Dairy Inc	B3	50 5	88 9	19 391	708
J Harold Bare	3	62 6	84 5	18 535	707
Mast Stoltzfus	B3	45 8	87 6	18 565	705
Kulp Bros	G3	86 4	87 5	18 379	704
Chris&Ches Stoltzfus	3	56 0	88 9	18 481	704
Mark&Melody Stoltzfus	B3	46 1	86 0	17 553	703
Breck A De Farm	3	78 9	85 8	18,258	702
Bright Meadows	B3	69 4	82 3	18 234	701
David K Stoltzfus	B3	46 0	84 1	17 981	699
Pei Valley Farm	B3	63 8	88 7	18 157	699
Jefferson D Yoder	3	67 7	88 4	18 213	690
Donald M Horning	B3	41 4	88 5	18 014	688
Mrs John Hannum 3rd	B3	81 0	88 7	18 493	688
Charles J Moore	B3	48 4	84 1	19 120	688
Lester Eby	3	57 8	86 4	18 350	686
Floyd Miller & Sons	B3	69 3	85 4	17 975	683
Kenneth Umble	3	60 0	87 6	18 002	683
David&Dawn Windle	3	48 2	86 3	18 293	679
Swan View	3	58 9	87 2	18 403	678
Arthur D Hershey	3	50 5	85 1	17 171	677
Calvin R Blank	B3	54 9	91 4	18 401	676
Round Top Farm	B3	82 0	81 6	18 958	675
B Beiler & T Barlow	3	84 7	88 8	16 975	674
Richard Proud & Son	B3	64 7	90 1	17 700	674
James V Yale	B3	65 0	88 9	16 192	673
Elmer A Mast	B3	82 7	84 7	17 051	673
Harold R Kulp	B3	79 4	87 5	17 264	668
Ridglea Farm	3	92 6	85 9	17 002	668
Glen H Freese	3	71 4	84 8	17 989	664
Spring Aqua Farm	3	81 2	89 9	18 178	664
Leon D Kurtz	3	43 3	83 6	18 327	662
Richard Hostetter	B3	62 9	85 4	17 209	659
Kevin Graber	B3	18 2	92 5	18 274	656
Vernon Yost	B3	69 3	87 7	17 350	655
J Elmer Lapp	3	37 4	88 0	18 184	651
Daniel R Stoltzfus	B3	37 8	86 8	17 933	651
Timberview Farm	3	57 1	87 1	16 457	650
Calvin S Kurtz	B3	74 6	87 2	17 297	650

Indicates Three Times Milking

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.		FAT LBS.
Melwood Farm						
Sunligh	3	7 10	305	32 703	3 6	1177
Linda	3	3 0	305	21 541	4 5	959
Pansy	3	3 0	305	21 051	4 3	900
Anita	3	4 9	305	21 354	3 8	822
David K Stoltzfus						
35	3	5 0	305	30,201	3 4	1031
52	3	5 11	305	18 812	4 9	915
5	3	7 0	305	22 689	3 8	863
38	3	5 4	305	18 732	4 3	863
Robert E Pepple						
47	3	5 7	305	24 963	4 1	1031
20	3	7 7	305	20 200	5 0	1019
70	3	4 4	305	21 022	4 8	1004
65	3	2 3	305	24,715	3 3	811
Chester Hills Farm						
W203	3	5 7	303	19 485	5 3	1023
W291	3	3 2	305	23 776	3 7	884
W71	3	7 6	305	15 799	5 3	836
W113	3	7 7	305	22 983	3 5	801
Bright Meadows						
101	3	5 6	305	27 547	3 7	1016
14	3	4 9	305	27 056	3 8	1016
Herman Stoltzfus						
Comet 42	3	6 4	305	24 992	4 0	1011
Katna 44	3	6 4	305	23 092	3 7	856
Lisa 60	9	5 1	305	21 650	3 9	846
Round Top Farm						
81	3	3 8	305	27 537	3 5	976
80	3	4 4	305	27 832	3 3	913
41	3	4 3	305	26 661	3 2	851
32	3	4 1	305	22 742	3 5	805
Wilmer L Hostetter						
Honey 9	3	4 10	305	21 114	4 6	968
David E Weaver						
Christy	3	6 1	305	19 904	4 8	946
Buffy	3	5 10	305	19 434	4 5	878
Ardrossan Farms						
Hsnogrl	1	4 3	304	22 275	4 2	930
Snothin	1	9 3	305	23 147	4 0	922
Evgline	1	9 1	305	21 476	4 2	902
Hkrosle	3	5 4	305	20,746	4 2	877
Gsinger	1	2 9	305	19 452	4 2	821
Glen H Freese						
Rich 12	3	7 0	300	22 353	4 2	929
White 41	3	8 3	305	19,159	4 5	856
Sand 32	3	8 2	295	20 418	4 1	830
Floyd Miller & Sons						
16	3	3 0	305	23 695	3 9	921
56	3	6 4	304	21 845	4 2	915
4	3	5 11	305	23 332	3 6	845
42	3	9 1	305	16 369	4 9	806
Samuel B Acker						
648	3	4 6	305	23,388	3 9	921
678	3	0 0	305	18,173	5 0	909
589	3	6 3	305	22,256	3 7	816
Charles J Moore						
Skunk 21	3	5 9	305	22,346	4 1	915
48	3	7 4	275	20,522	4 2	853
Breck A De Farm						
20	3	3 8	305	26,291	3 5	909
14	3	10 3	305	20,144	4 4	878
81	3	4 4	305	20,656	4 1	850
George Strutynski						
228	3	7 3	305	21,279	4 2	902
Kenneth Umble						
Rosanna	3	5 7	305	24,836	3 6	901
John S Stoltzfus						
Ada	3	4 4	305	22,532	4 0	895
Phoebe	3	5 11	305	19 446	4 2	817
Horace Prange						
Bev	3	6 9	305	19,856	4 5	889
J Raymond Harnish						
Lynt A6	3	5 9	305	24,646	3 6	880
Belle 52	3	5 4	305	28 008	3 1	878
Dale Hostetter						
Vickie	3	5 7	305	24,302	3 6	874
Lloyd Mast & Sons						
111	3	7 0	305	20 574	4 2	873
Mark & Melody Stoltzfus						
Diana	3	4 1	305	20,897	4 2	871
Flicka	3	4 5	296	22,209	3 9	869
Erie 2	3	3 1	305	17,471	4 9	859
Sharon	3	4 9	305	21,851	3 9	843
Jessica	3	7 2	305	20 198	4 1	824
Shirley	3	2 4	305	20,355	3 9	800
A Dudley & Son						
Queen 92	3	5 10	296	15 444	5 6	870
Vernon Guest & Son						
Sherry	3	3 2	301	18 534	4 7	864
Dawn	3	4 2	305	22 519	3 8	856
Pei Valley Farm						
31	3	6 2	305	24,098	3 6	859
6	3	3 11	305	22 068	3 6	803
Tom Halladay & Son						
Billie	3	4 4	305	21 530	4 0	859
Jefferson D Yoder						
50	3	6 1	305	21 180	4 0	857
Donald H Windle						
380	3	2 10	305	21 733	3 9	856
W B Dixon Strowd						
88	3	6 0	305	19 960	4 3	852
Paul King						
Barb 665	3	4 3	305	20 010	4 2	848
John K Kauffman						
Peggy	3	7 0	305	23 925	3 5	846
Gottlieb Strohmaier						
161	3	3 1	305	22 073	3 8	846
William Fell						
87	3	6 3	305	20 169	4 2	846
H & R Mason						
76C	3	4 3	305	19 993	4 2	846
187	3	2 1	305	21 453	3 8	820
37G	3	5 0	305	22 424	3 6	813
Ben Beiler & T Barlow						
Berry 63	3	4 10	305	24 722	3 4	843

(Turn to Page D14)

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- **SX-625** - Fast Dry Down Corn, Excellent Sheller, Excellent Standability, 107 Days
- **SX-405A** - Short Season, High Yield Potential 100 Days
  ★ Top 3 For The Past 3 Years At Penn State Trials
- **SX-525 Will Replace SX-520A** With Better Standability - First Year In Trials, Placed Third, Class 2 105 Days
- **SX-725** - High Yield, Good Standability, 115 Days, Excellent Disease Tolerance

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Dauphin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

September 1984

OWNER	BREED	% DAYS IN MILK	LBS. MILK	LBS. FAT
Catalpa Farms	H	133 5	19,293	709
Roy M Brubaker	H	84 2	18,966	689
Robert J Schaffer	H	60 6	18,144	689
John Hertzler	H	77 8	17,614	677
Roy C Wilbert	H	39 9	18,763	676
Crissinger Dairy Farm	H	88 5	17,412	675
Restful Acres	H	84 8	17,461	651
Larry L Boyer	H	22 5	17,472	638
Elwillo Farms	MB	133 5	16,472	638
Earl Campbell	H	44 8	16,062	634
J Melvin Brandt	H	77 1	16,123	626
Stoney Lawn Farms	H	58 8	17,406	616
Alwine Farms	H	77 4	16,712	616
Robert H Beach Jr	H	42 2	15,681	612
Robert Oellig	H	35 1	15,419	610
Terlin Farms	G	67 3	12,797	607
Wilmer Campbell	G	65 9	13,492	604
Mahlon L Lehman	H	59 8	16,534	599
Wil-Lene Farms	H	66 0	16,222	598
Arthur Brandt	H	90 7	15,239	587
Conewago Farms	H	35 2	14,351	585
Lytle Farms Inc	H	100 0	15,720	569
James Lesher	H	40 8	15,027	566
Dale F Faust	H	49 8	15,629	566
Harold M Nissley	H	40 1	15,707	561
Great View Farms	H	52 7	14,665	555
Sher Mar Acres	H	63 0	14,954	554
Walter Schaffer	H	23 6	13,281	549
A Grand View	H	159 9	14,697	545
Lee R Sweigard	H	23 2	16,050	544
David Zook	MB	39 7	14,833	543
Paul E Clugston	H	98 2	15,346	540
R Own Dairy Inc	H	90 4	13,910	527
Floyd Feidt	MB	66 3	13,732	519
Naoh W Sauder	H	47 8	14,189	519
Homer Campbell	H	78 1	13,512	515
Lauden Farms	H	192 5	14,445	515
Oel-Dell Farms	H	31 2	14,384	508
Raymond Belack	H	82 9	13,402	502
Al-Ty Farms	H	53 5	13,928	500

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Homer Campbell				
12	6-10	17,901	3 9	695
3	3-9	14,460	4 2	610
Catalpa Farms				
Eve	8-11	19,784	3 7	728
95	6-5	27,382	3 6	981
117	5-9	25,128	3 2	809
128	5-5	21,316	4 5	961
Catalpa Farms				
141	5-2	23,040	4 4	1019
177	4-4	23,162	3 7	854
204	3-10	21,502	4 1	880
215	3-8	19,553	4 7	911
224	3 5	19,486	3 4	665
233	3 3	22,313	3 8	848
272	2 11	19,073	3 6	688
328	1 10	16,517	3 7	612
322	1 11	18,137	3 3	606
331	1 10	18,964	3 8	725
Stanley R Long				
Lisa	5 6	18,772	3 5	650
Restful Acres				
Natalie	9 2	20,348	3 5	710
Sure	3 1	21 424	3 6	767
Robert H Beach				
163	5 4	18,974	3 5	664
192	3 10	17 929	4 4	793
202	3 7	18,030	3 7	672
Lauden Farms				
92	4 11	19,228	3 3	672
Great View Farms				
Patti	8-5	17,162	4 8	825
Jenifer	12-1	18,592	4 0	751
Maud	5 9	18,903	3 9	737
Ruthie	2 7	15,832	3 9	613
Earl Campbell				
149	3-6	17,559	3 6	633
3	2-11	15,719	3 9	610
Roy M Brubaker				
Lyn 38	11 4	22,641	3 4	765
Linda22	5 10	18,091	3 3	603
Beulah	4 2	24,673	3 2	801
Hope 8	4-5	23,091	3 6	825
Carrie	3-4	16,272	3 8	626
Lavina	2 4	16,048	3 9	632
Sher Mar Acres				
189	7-0	22,747	3 5	791
Paul E Clugston				
23	9-8	17,746	3 7	650
155	4-1	16,224	4 0	651
163	4 2	20,187	4 2	857
James Lesher				
Chubbie	8-0	17,332	3 5	605
Ida	4 2	17,973	3 8	681
Cindy	2-0	18,723	3 4	639
Roy C Wilbert				
Judy	5 3	23,560	3 6	843
Jackie	5-1	20,186	3 8	773
Lynn	4-10	22,853	3 4	769
Mona	3 3	19,429	3 7	712
Bobbie	3-10	20,879	4 2	883
Bryncoed Farm Jersey				
385	6 1	14,366	4 6	660
443	5-0	13,620	4 7	637
John Hertzler				
Nellie	5-10	25,867	3 8	972
Gail	3 7	18,338	3 8	696
Robert Oellig				
Donaete	5-6	16,083	3 8	614
Neldall	4 10	19,826	4 3	850
Climax	4-3	16,435	3 8	629
Doris	4 1	16,383	3 7	603
Terlin Farms				
Bonbon	7 1	16,464	4 7	776
Froline	3 10	15,105	4 2	636
Jolene	4-1	13,716	5 4	734
Robert J Schaffer				
Cas	6-2	23,105	3 2	750
Mattie	6-1	18,612	3 6	667
Dottie	6-1	19,685	3 4	675
Dawn	4 11	18,764	3 6	677
Cindy	4-2	20,388	3 5	712
Robin	3-1	23,222	3 6	837
Annabel	2-3	16,718	4 2	704
Missy	2 2	17,545	3 7	655
Stoney Lawn Farms				
Verna	8 11	17,968	5 0	893
Dinah	2-2	19,199	3 2	620
Jo	2 2	18,128	3 7	664
Loretta	2 2	16,786	3 8	639
Lytle Farms Inc				
Aquar	9 8	21,907	3 1	683
Bonita	7 3	20,061	3 7	735
Betty	5-2	16,965	4 1	696
Crissinger Dairy Farm				
Nancy	6-11	22,616	3 7	837
Pam	6-0	22,026	3 5	765
Candy	4-0	15,476	4 2	656
Tayrn	3-11	17,252	3 8	650
Kitty	4 1	15,459	4 2	648
Denele	3-1	18,870	3 9	742
Roda	3 7	18,140	4 0	729
Mahlon L Lehman				
Lemon	4-1	20,258	3 5	708
J Melvin Brandt				
Spice	11 7	18,791	4 0	757
Beatrice	5-6	22,300	3 8	844
Bambi	3-7	18,595	3 7	687
Shelly	4 7	17,019	4 0	687
Wilmer Campbell				
Phyllis	5 11	15,221	4 6	694
Mjewell	3 8	13,186	4 9	641
Erma	3 8	12,657	4 9	626
Harold M Nissley				
Babs 96	5 4	22,050	3 4	747
Tish 42	4 1	20,563	3 6	746
Alwine Farms				
Winnie	4 2	16,402	3 9	634
Twinkle	9-2	18,277	3 6	658
Sadie M	5 10	18,413	4 0	741
Charlie	2 0	13,189	4 7	624

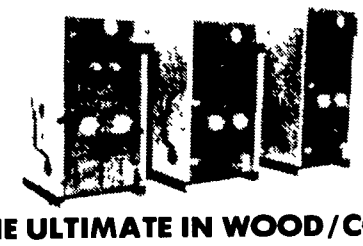
(Turn to Page D15)

Chester Co. DHIA

(Continued from Page D13)

Elvin P Graybill						
Rexan 65	3	9 7	305	20 969	4 0	842
Merle J King						
Cindy	3	4 0	305	20 082	4 2	841
Gloss	3	5 2	305	21 897	3 7	806
Wilkinson Farm #2						
1538	3	3 8	305	16 932	5 0	840
Arthur D Hershey						
Norel 37	3	3 5	305	17 765	4 7	839
Patty 38	3	3 4	305	18 706	4 5	838
Daniel R Stoltzfus						
Lucky	3	6 0	305	25 061	3 3	838
Walmoore 1						
331	3	4 10	305	18 080	4 6	838
367	3	4 2	305	21 498	3 8	815
Parry Bros						
445	3	7 6	305	22 585	3 7	832
Kulp Bros						
186	3	7 2	305	21 720	3 8	831
239	3	5 10	305	19 818	4 2	824
Louis C Neyman						
25	3	6 9	305	19 672	4 2	822
Mt Olivet Farm						
310	3	4 1	305	20 274	4 0	821
F E Hershey						
68	3	10 8	305	20 612	4 0	820
Joel C Brown						
817	3	5 1	305	23 588	3 5	819
Richard Hostetter						
52	3	4 3	305	24 534	3 3	818
Vernon Yost						
494	3	6 1	305	22 307	3 7	818
500	3	4 8	305	20 016	4 1	818
Calvin S Kurtz						
35	3	0 0	305	20 723	3 9	817
82	3	0 0	305	21 070	3 8	806
David Walton						
Georget	3	8 1	305	19 752	4 1	812
Walton Bros						
Dimple	3	7 7	305	18 055	4 5	810
Howard H Moore						
614	3	4 10	305	21 826	3 7	807
John P Kauffman						
Katie	3	6 7	282	21 005	3 8	804
Kenneth I Miller Sr & Jr						
78	3	5 3	305	22 807	3 5	803
Lester Eby						
Vickie	3	8 7	305	22 112	3 6	801
Henry S King						
Dusty	3	4 1	305	21 125	3 8	801

HARMAN TRIDENT BOILERS



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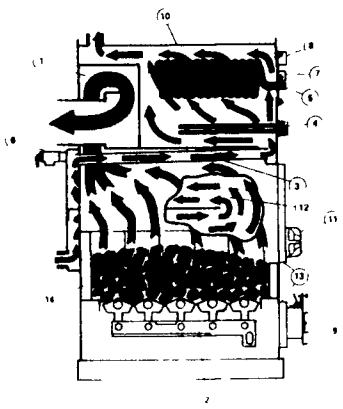

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5. Optional 4 gpm Domestic Hot Water Coil
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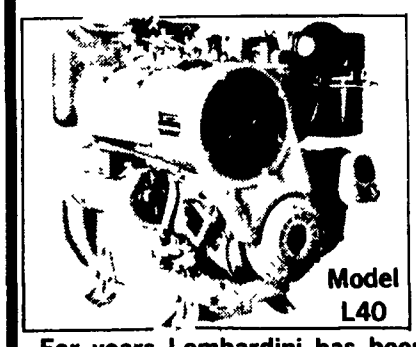

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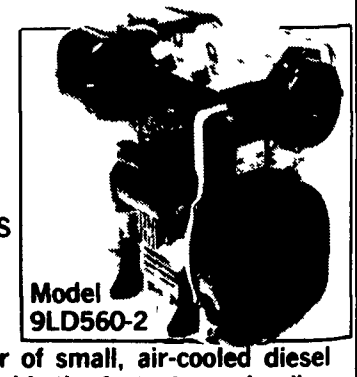
LESS DOWNTIME THAN GAS ENGINES

4 to 68 H.P.



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Beiler Engine Service
Box 245D Pennsy Rd.
New Providence, Pa. 17560

Sensenig Diesel Service
RD 3
Selingsgrove, Pa. 17870

DEALERS INQUIRIES INVITED

LYCOMING COUNTY DHIA
August, 1984

Richard Barto	R&GrH	40 1	89 6	20,701	817
Eugene W Hall	RH	72 9	91 3	20,100	803
John Snyder	RH	37 5	88 4	17,987	737
Mont Will Farms	R&GrH	44 9	89 1	18,417	721
Willard M Brelsford	R&GrH	37 7	89 6	17,825	717
Vollman Dairy Farm	R&GrH	38 3	89 5	18,100	701
Schon-Crest Farm	R&GrH	45 0	91 3	18,902	700
Charles F Ulumer Jr	R&GrH	30 1	93 2	18,658	695
Don&Scott Lepley	GrH	36 5	87 1	18,573	692
C Thomas Faulkner	R&GH	20 1	85 8	17,602	689
Marvin L Waltz	R&GrH	53 1	86 5	17,104	685
Lester M Poust	RH	43 6	85 5	16,965	683
Lost Brook Farm	R&GrH	94 4	86.5	18,258	680
Marshall Bros Inc#1	RH	122 0	86.3	16,437	679
Franklin J Finck	RH	90 1	89 1	17,427	679
Benjamin E McCarty	R&GrH	29 3	87 3	17,148	677
Samuel&Larry Fry	RH	110 8	88 7	17,283	667
Edward C Ulrich	R&GrH	29 9	84 1	16,609	664
Steppe Brothers	RH	83 4	88 0	16,639	658
John Snyder					
Spook	7-10	19,612	820	305	
Stephen R Waltz					
66	6-4	19,190	676	305	
6	6-0	17,165	691	292	
16	5 1	20,854	825	305	
Robert Voneida					
Sophi	6 11	19,791	794	305	
Ruby	5 10	19,454	824	305	
Lester M Poust					
Susan	8-10	23,405	917	305	
Minty	5-11	16,474	760	305	
#Louela	3 7	18,963	822	305	
Mandee	2 3	19,495	847	305	
Vmisty	2 1	22,830	772	305	
Don&Scott Lepley					
Diann	4 3	22,023	767	300	
John C Bower Jr					
Dot	7 9	20,048	840	305	
Angie	5 3	19,241	770	305	
Mont Will Farms					
Echo	5-1	22,224	846	305	
Steepe Brothers					
Rona	5 9	18,731	803	305	
Eugene W Hall					
Buddy	3-9	19,624	788	305	
Miller&Rearick					
1	4 3	16,773	774	305	
Merrill Holdren					
115	5 7	16,138	770	305	
Harold&Anna Mae Bower					
Gertie	5-11	22,413	780	305	
Schon-Crest Farms					
Virgini	9-3	21,540	833	305	
Maggie	6-0	23,860	841	305	
Flo	3-10	18,578	761	305	
Lost Brook Farm					
8	5 9	22,087	788	305	
18	5-8	20,117	896	305	
78	5-0	21,731	814	305	
74	4-9	19,006	873	305	
53	4-4	21,866	795	305	
Aaron Ritter					
Beauty	5-10	22,157	884	305	
Richard Mowery					
141BK	6-1	22,137	816	305	
181BK	3 0	16,594	770	269	
Rodger&Owen Swartz					
685	4 7	19,162	811	305	
Edward C Ulrich					
Wanda	10-0	19,106	782	305	
Charles F Ulmer Jr					
Lilly	6-6	18,930	753	305	
May	4-0	22,495	854	305	
Marvin L Waltz					
Edith	3-3	22,512	767	305	
Crissy	3 3	22,527	801	305	
Franklin J Finck					
Rust	4 4	16,586	806	305	
Mario	4-1	24,594	876	305	

Dauphin Co. DHIA

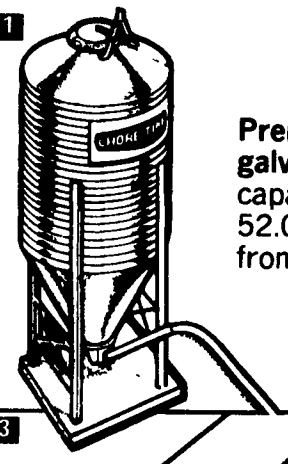
(Continued from Page D14)

A Grand View				
38	0-0	18,401	3.5	649
125	0-0	18,440	3.6	667
Noah W Sauder				
49	5-3	19,059	3 4	650
60	5-3	18,891	4.0	748
Al-Ty Farms				
Nancy	7-11	16,067	3.8	607
Arthur Brandt				
Toy	8-11	13,970	5 1	706
Daisy	6-7	18,458	3.9	724
89	4-9	18,588	3 7	695
Betsy	4-7	18,399	4.2	775
Elwillo Farms				
151R	9-10	17,592	3 8	676
93	7-10	16,338	4.7	769
97	7-3	22,308	3 6	807
12	6-11	25,134	3.3	836
187	9-0	19,551	4 4	853
8 R	6-3	19,549	3 6	699
173-R	8-2	13,936	4.8	675
48	4-0	16,199	4 0	654
Elwillo Farms				
166-R	4-8	17,475	4.5	787
148	4-2	20,746	3.6	752
112	4 3	19,071	3 5	663
98	4 1	23,379	3 3	780
31	6-5	17,458	4.7	812
47-R	2-11	14,219	4.4	623
44	3-5	18,216	3 6	659
31-R	3-2	17,596	4.1	723
52-R	3-2	16,947	3 7	634
20	3-1	16,674	4 4	739
6	3-3	16,616	4 6	764
168	2-1	16,181	3 7	602
Larry L Boyer				
Feather	4-1	17,051	4 0	682
Flo	4-0	19,280	3 3	627
Gretta	3-2	13,324	4 5	600

CHORE-TIME

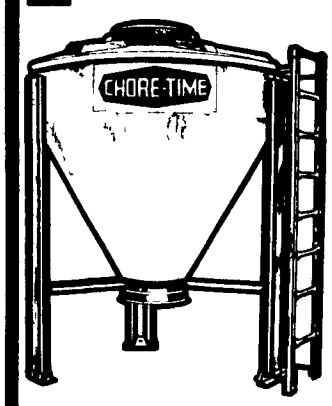
5 WAYS TO IMPROVE YOUR DAIRY PROFIT PICTURE WITHOUT SPENDING A FORTUNE

#1



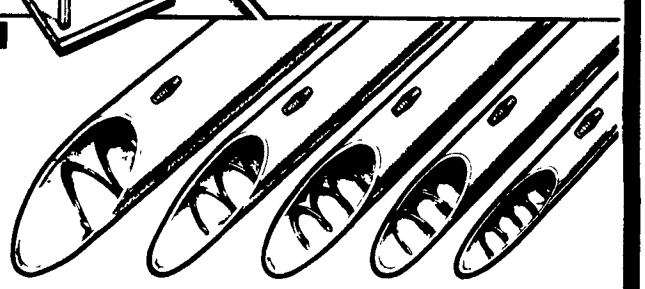
Premium quality all-galvanized feed bins with capacities from 2.9 tons to 52.0 tons and hopper slopes from 45° to 67°

#2



Polyethylene feed bin has 3000# capacity and low profile, making it perfect for high moisture corn applications.

#3



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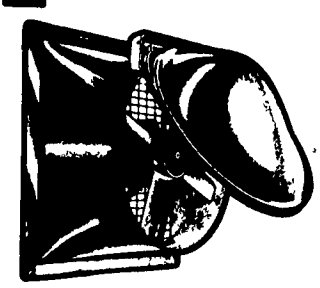
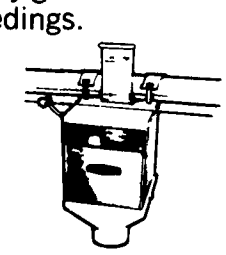
#4

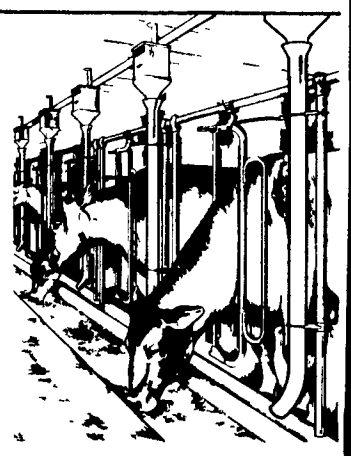


Advanced, fully automated air systems ventilate your dairy or calf barn efficiently and economically for greater animal comfort and productivity.

#5

Increased milk production and feed savings from automated multiple daily grain feedings.





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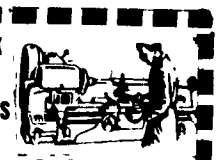

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Lebanon County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

September, 1984

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS MILK	LBS FAT
Willow Maple Farm	3	43 6	91 8	21,086	766
Fort Zeller Farm	B3	53 0	86 2	19,404	730
Roy H Weaver	3	54 6	88 9	20,075	724
Dale Hostetter&Sons	3	91 7	84 9	18,224	714
Marvin K Meyer&Sons	B3	101 6	91 1	18,247	714
Hoover Farms	3	83 9	85 1	18,421	713
Raymon&Marlin Getz	3	58 3	84 2	18,532	713
Robert Martin	B3	51 2	85 8	18,343	711
Conewago View Farms	B3	67 5	87 5	18,313	711
Elvin Martin	B3	48 2	83 4	19,408	706
Roy E Nolt	B3	58 2	85 5	19,052	702
David Brandt	3	70 1	88 8	19,474	702
Gary Lentz	3	70 7	85 7	18,910	695
Arnold Acres	3	119 3	88 1	18,339	688
Hoover Farms	3	105 0	83 5	17,898	686
Donald G Hoffer	B3	43 4	86 9	18,441	684
Arthur R Krall&Son	3	61 7	83 9	17,981	680
M Luther Bennetch	G3	76 4	88 6	17,129	679
Walter K Heisey	B3	59 1	88 8	18,815	679
Lentzdale Farms	B3	77 5	87 3	17,972	679
Wernerway Farms	B3	126 7	86 6	17 824	677
Eugene R Houser	3	32 5	87 9	17,335	677
Dennis Wampler	B3	84 4	88 1	17,834	672
Marlin M High	G3	41 5	85 7	18,423	672
Gary Mase	B3	30 3	83 6	18,297	672
Melvin M Nolt	B3	56 4	85 6	17,632	671
Reuben O Martin	B3	70 1	84 3	18,017	670
Kenneth Mase	B3	97 9	85 8	17,244	669
Mark H Bomberger&Son	B3	85 6	87 8	17,351	668
Kirby L Horst	3	45 1	88 2	17,439	665
Irvin Z Brubaker	B3	48 3	86 8	18,473	665
Mervin W Horst	3	44 1	87 9	17,741	664
Clarence B Martin	G3	32 1	92 0	17,709	663
Richard&Ronald Shirk	3	77 6	89 3	16,715	663
Daniel B Shirk	3	38 4	88 6	18,462	662
Hershey Bare	3	88 6	87 6	16,990	659
Robert B Smith	2	67 2	86 8	13,695	657
Harvey T Bomgardner	3	94 5	85 6	17,553	657
David Weaver	B3	41 8	88 1	17,847	657
Glen R Martin	B3	24 7	87 8	18,282	656
Sonnen Acres Farm#1	B3	68 5	85 4	17,614	654
Lloyd S Newswanger	B3	71 2	85 5	17,414	645
David Eugene Reiff	3	48 3	86 7	17,853	644
Lester Martin	B3	57 3	91 5	16,692	644
John Brubaker	B3	49 1	89 5	17,471	643
Lloyd Burkholder Jr	B3	53 5	83 9	17,818	640
Ferndale Farms	3	80 7	83 4	17,083	638
Leon H Kline	3	54 2	87 8	17,045	636
Marlin D Hershey	B3	44 5	84 7	17,217	636
Jay&Carol Hershey	3	37 5	83 9	17,810	632
Richard L Heilinger	B3	16 5	83 4	16,495	632
Hoover Farms No 2	B3	52 0	84 5	17,132	631
Mark C Patches	B3	98 5	87 1	15,927	631
Richard L Heilinger	B5	21 1	82 6	14,940	630
Phares Z Musser	3	87 2	85 4	16,043	628
Earl Smith	3	47 0	87 8	16,050	626
Vincent A Wagner	3	47 2	85 3	17,411	626
David E Zimmerman	G3	48 5	86 3	18,076	621
Philhaven Farm	3	100 4	89 1	17,050	621
Leon M Burkholder	B3	47 6	89 9	16,533	619
Raymond K Martin	B3	50 6	84 6	17,057	616
Enos N Leinbach	3	30 4	89 6	15,898	616
Sam Bo Holsteins	3	82 2	82 8	16,593	615
Kenneth K Heisey	B8	31 0	89 7	14,939	612
Sonnen Acres Farm#2	3	83 5	84 4	16,402	609
Ernest P Detweiler	B3	55 8	81 8	17,318	609
Walter M Martin	B3	48 5	81 8	16,972	609
Clyde E Deck	B3	69 6	86 3	15,857	609
Eugene Martin	B3	84 4	84 3	16,238	608
Norman Kline	3	73 1	86 0	15,960	605
Harry Buck	B3	47 3	84 5	16,805	605
Meadow-Wood Farm	B3	189 8	86 0	16,395	604
Twin-Maple Farm	B3	39 4	84 2	16,113	604
Ramona Holsteins	3	71 3	82 9	15,866	603
Luke Wise	G3	43 5	86 5	16,625	601
Isaac E Zimmerman	3	22 6	86 4	15,282	601

CARROLL-BALTIMORE COUNTY DHIA
October, 1984

Francis H Barnes New Windsor, had the herd with the highest average for October, according to figures just released by the Carroll Baltimore Dairy Herd Improvement Association

During the month of October, 122 dairymen in Carroll Baltimore Counties participated in this program Listed below are the top ten herds based on their herd averages over the past year

Francis H Barnes	64	18 772	735
Harry W Roach III	71	19 046	728
Del Myr Farm	63	18 672	717
Marlin Hoff	428	19 615	715
Flint Hill Farm (Edgar&Noah Schaeffer)	55	19 097	713
Maple Lawn Farm Inc (C E Iager&Sons)	166	18 376	710
Unicorn Associates Inc (Powel&Bendig)	93	17 584	698
John H Jr&I G Hull	18	17 657	676
Panora Acres Inc (Norman&Paul Sellers)	117	17 831	671
F Lindsay Wilson	76	17 972	662

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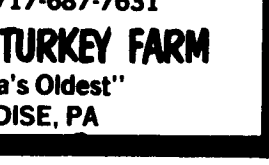
6x16 Stock Trailer
Dion Forage Wagon
8x20 Gooseneck Flatbed
1 Used 6x16 Stock Trailer

More farmers each month prefer to buy their

- EAR CORN
- HAY
- STRAW
- PEANUT HULLS



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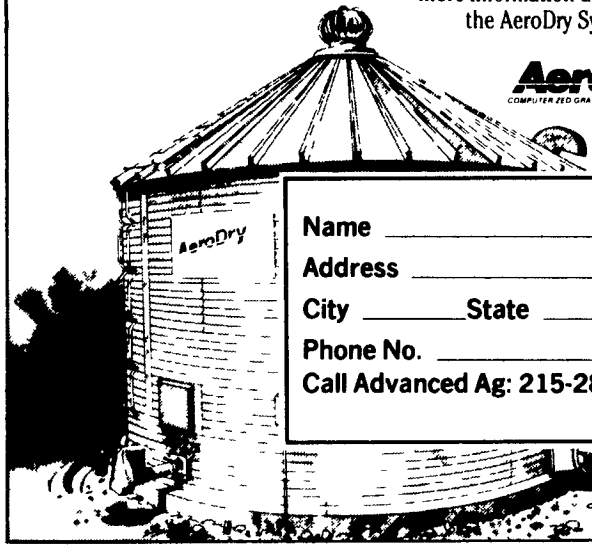

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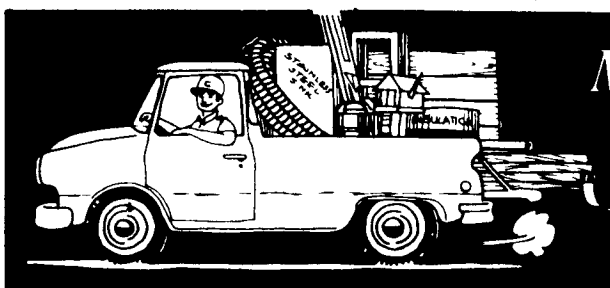

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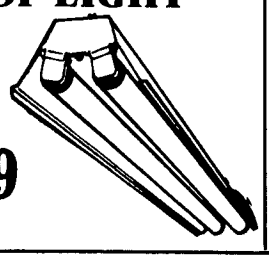
SHOP LIGHT
Complete with Cord, Plug and Chain Hanging Kit.
$10.49
w/Bulbs



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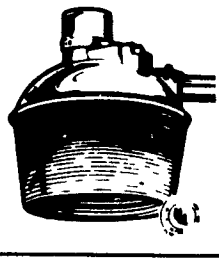
DUSK-TO-DAWN
175 Watt Mercury Vapor Lamp
$24.79



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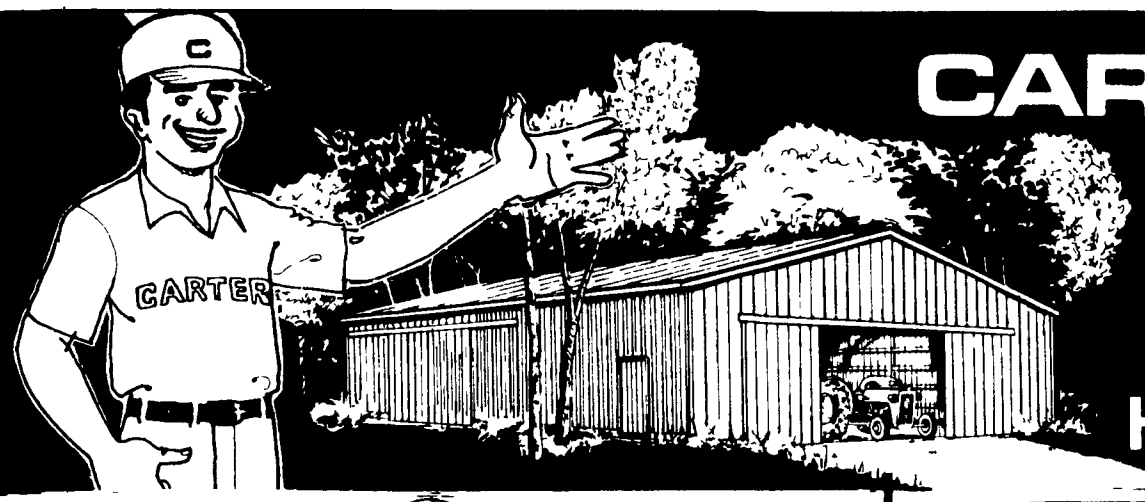

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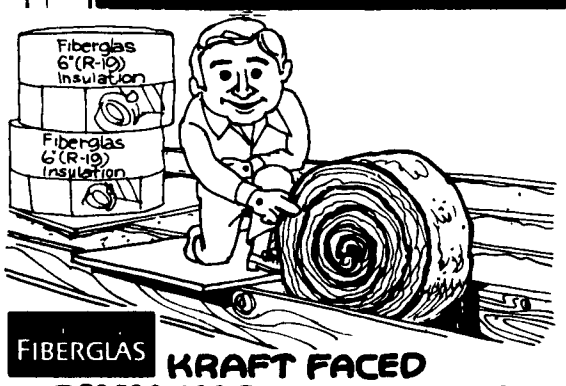

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Homes should have 6", or more, in ceilings and 3", or more, in walls and floors

3½"x15" 88.12 Sq. Ft. Roll	$11.89	6"x15" 48.96 Sq. Ft. Roll	$10.89
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Chemfoam® POLYSTYRENE FOAM INSULATION BOARD

1"x2'x8'	1"x4'x8'
$1.75	$3.49
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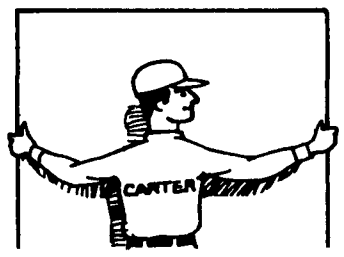
$3.49	$6.99

Celotex Tuff-R SHEATHING ©



½"x4'x8' R-3.6	$6.59
¾"x4'x8' R-5.4	$7.69
1"x4'x8' R-7.2	$10.55

STYROFOAM TG
R-5.41 Insulation Value
1"x2'x8' T&G $4.35

STYROFOAM TG
Insulation
¾"x2'x8'...T&G . . $3.55

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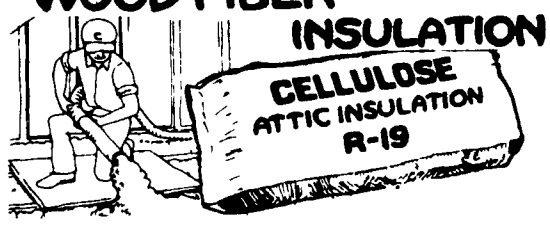

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- Unlisted
- Won't scratch or itch
- 30 lb. bag

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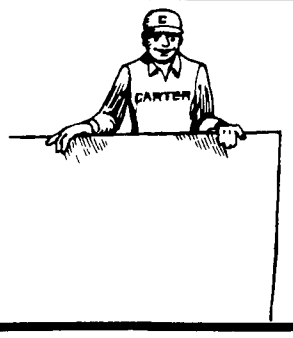
7'	—	—	—	—
8'	11.83	5.72	11.20	8.56
9'	—	6.44	—	9.63
10'	14.79	7.15	14.00	10.70
11'	—	—	—	—
12'	17.74	8.58	16.80	12.84
14'	20.70	10.00	19.60	14.97
16'	23.66	—	22.40	17.12
18'	—	—	25.20	—
20'	—	—	28.00	—



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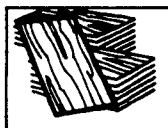

4'x8' PLYWOOD
ASSOCIATION GRADE STAMP

	¼"	⅜"	½"	⅝"	¾"
GLS EXTERIOR YP	——	9.99	12.35	15.69	16.85
CD EXTERIOR	——	8.15	8.35	11.39	13.69

DIMENSION LUMBER
ASSOCIATION GRADE STAMP

	8'	10'	12'	14'	16'	18'	20'
2"x4"	1.46	1.87	2.21	2.56	2.99	3.54	3.93
2"x6"	2.36	2.95	3.54	4.13	4.72	5.94	6.60
2"x8"	3.15	3.93	4.72	5.51	6.29	7.32	8.13
2"x10"	4.13	5.17	6.20	7.23	8.27	9.60	10.67
2"x12"	6.64	8.30	9.96	11.62	13.28	15.30	17.00

SQUARE BARN POLES
Pressure Treated

	10'	12'	14'	16'	18'	20'	22'	24'
4"x4"	5.89	6.69	7.15	8.95	—	—	—	—
4"x6"	—	10.79	12.59	14.59	18.69	21.79	—	—
6"x6"	15.79	16.89	20.49	23.35	29.89	32.79	41.15	44.39

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All Items Shown May Not Be In stock At All Locations

CARTER 1984

Berks County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

August, 1984

September 1984

OWNER	BRD	NO COWS	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Charles&Tim Kissling	3	65 9	86 6	21,310		841
Bendy Brook Farm	3	46 4	86 3	22,120		818
Plushanski Farms Inc	3	119 5	86 9	20,399		799
Rothroch Golden Hol	3	58 4	88 0	20,594		780
Mertz Brothers	B3	43 5	84 7	20,390		762
Stephen J Janos	3	32 1	88 1	19,902		758
Mark W Wolfskill	3	96 8	84 3	19,716		748
Leonard G Stoltzfus	3	83 1	86 8	20,231		747
Reu Hel Farms Inc	3	66 6	88 1	20,301		746
Junge Farms	3	67 3	87 5	18,779		746
Forrest C Stricker	B3	51 7	85 5	19,928		731
David L Schrack	B3	101 8	87 7	18,138		717
Good Bros	B3	57 0	89 5	21,014		717
Heindel Farms Inc	3	28 8	87 4	17,938		712
Vista Grande Farm	3	84 4	85 2	17,988		700
Leroy E Howard	3	138 9	88 6	18,610		700
Richard A Bleiler	B3	51 3	91 2	19,532		694
Robert E Kopfer	B3	52 5	88 0	18,674		694
Donald B Duncan	B3	97 9	88 1	16,917		684
Ralph&Ken Sanner	3	77 3	88 3	18,276		684
Linden Loch Holstein	3	62 1	88 0	18,125		683
Daview Farm	3	59 7	86 5	17,835		683
George S Troutman Jr	B3	70 1	88 1	18,159		683
George Schuler	3	56 5	85 9	18,289		674
Zahncroft Farm	3	48 5	88 0	17,295		672
Show Top Farms	3	160 8	90 2	16,624		671
Pinnacle View Dairy	B3	45 1	86 6	17,133		669
Mervin Brubaker	B3	67 6	86 5	17,552		669
Retland Farm	3	50 5	88 6	17,924		669
Ridge Crest Farms	B3	53 8	86 9	16 675		668
Clarence B Kulp	3	68 5	86 2	17,057		668
RR Troutman&Sons	3	117 7	84 0	17,252		666
Mat Mar Farms Inc	3	88 3	85 8	18,040		663
Udder Valley Farm	B3	68 9	88 4	17,643		662
Arlan Krick	B3	70 2	87 1	16,738		661
William G Howerter	3	90 1	87 7	16,704		661
George E Moyer	3	101 4	85 4	16,540		657
Yost Brothers	B3	112 2	86 4	18,139		657
Merlin J Grube	B3	48 7	88 7	16,866		656
Bruce R Wenger	B3	54 1	94 0	17,494		654
Glenn B Gockley	B3	43 5	85 4	17,207		648
Ronald L Richard	3	57 1	82 7	18,223		647
Dean&Brenda Daubert	5	86 9	84 8	14,959		642
Herb Top Farms	B3	31 2	86 3	17,031		642
Paul B Martin	B3	60 9	82 6	18,305		641
Ernest O Miller	B3	204 8	84 9	17,237		639
Red Fever Farm	B3	65 8	89 5	17,417		638
Raymond A Seidel	3	37 7	87 7	17,281		637
Martin&Missy Moyer	B3	52 5	83 2	16,960		636
Hylark Farm	3	72 5	87 4	16,665		636
Ontelynn Acres	3	112 7	89 8	16,382		635
Marlin J Stutzman	B3	55 2	90 5	17,169		634
Whirlwind Acres	B3	92 7	89 5	16,929		634
Frank G Gromlich	3	66 1	85 3	15,835		632
Fred J Walters	B3	65 9	87 3	17,071		629
Bernell L Burlcholde	B3	43 4	84 7	17,773		628
John H Stump	3	56 6	86 6	17,064		627
Meadow Spring Farm	B3	41 7	82 0	17,014		627
Andrew S Stoltzfus	3	119 3	84 6	16,969		624
Pine Brook Farm	3	94 3	85 7	16,327		623
Nathan Nolt	B3	52 3	84 5	16,608		622
Barry L Burkholder	B3	48 5	84 1	17,545		620
David J Williams	B3	37 1	86 8	17,432		618
Harvy M Weaver	B3	50 5	86 3	16,153		613
Harold Fenstermaker	3	34 2	89 5	15 114		612
Teen Chal Farm	B3	121 0	88 0	15,597		611
Ken&Debra Dietrich	B3	43 6	82 2	16,783		610
Robert C Dreisbach	4	73 1	85 5	12,423		607
Joe&Deb Kohler	G3	33 4	86 9	17,046		607
E Daniel Leatherman	B3	68 4	88 0	16,090		607
William C Adams	3	88 5	88 7	15,110		606
Swatara Dairy Farm	3	74 7	83 6	14,377		606
John Newswanger	B3	46 9	85 7	16,716		605
Daniel J Harnish	B3	89 1	84 5	15,423		605
Lawrence Kieffer	B3	75 5	87 5	16,060		603
Donald M Meyers	3	62 0	87 1	15,502		603
Ernest C Hoffman	3	55 9	90 2	16,289		603
Donald Burkholder	G3	99 1	87 5	16,026		602
Heindel Farms Inc	1	23 2	86 8	14,551		602
Scattered Acres Inc	B3	155 6	83 0	16,241		601
Ray W Seidel	B3	34 8	85 3	15,988		601
Clarence C Sattazahn	B3	104 0	88 5	16,592		600
Floyd Kurtz	3	53 1	84 7	16,350		599
Ker Min Farms	3	76 8	86 7	16,033		598
Robert L Sattazahn	B3	101 9	89 6	16,696		598
Gary Martha Heffner	B3	43 0	80 2	15,834		597
Ray E Bicksler	3	46 2	85 5	15,854		597
Lewis Nolt	B8	60 5	89 2	15 695		595
Richard W Hoppes	B3	69 1	86 0	14,842		593
Ronald Kelchner	B3	66 2	84 1	16,852		592
Wilmer Dreibelbis Jr	B3	54 6	84 3	15,568		592
Thomas Rentschler	B3	34 4	82 9	16,216		590
Grumbro Holsteins	3	38 8	83 9	16,075		589
Phillip J Werley	B3	61 9	84 1	15,621		587
Way Har Farms	B3	112 1	87 4	15,457		586
Arthur D Schlappich	B3	62 4	85 2	15,968		586
Terry Kunkel	B3	37 7	84 8	16,043		586
Wilmer Dreibelbis Jr	3	58 9	83 3	15,470		585
Tulpa-Canal Farm	B8	38 1	83 4	15,737		584
David Y Knauer	B3	52 0	85 0	16,029		583
Alton Rohrbach	B3	51 7	87 0	16,338		581
Vernon G Good	B3	37 7	88 8	15,982		581
Harold Schuler	3	35 7	88 7	15,407		580
Lynnacres	3	167 8	89 0	15,662		577
FM Browns Sons Inc	B3	94 2	89 7	16,910		576
Kenneth Zook	B3	55 9	89 3	15,544		574
Glenn E Hoffman	B3	51 5	85 9	15,450		572
Carl H Rabenold	B3	59 5	82 4	15,522		572
Raymond B Nolt	B3	81 2	84 8	15,613		571
Charles D Moyer	B3	116 3	85 3	15,329		571
Ranshar Farms	B3	54 1	82 8	15,738		570
Irvin G Weaver	B3	51 0	88 5	15,170		568
Tom Werley	B3	55 6	86 3	15,243		566
David Gross	B3	36 3	85 8	14,526		563
William W Herbert	B3	54 5	85 4	15,895		562
Lester Martin	B3	45 3	84 0	15,084		562
Tim Kleinsmith	B3	36 6	85 4	14,977		559
Don Aloan	B3	43 3	84 0	14 783		558
Win Dale Farm	4	50 5	86 6	11,019		557
Elvin Brubaker	B3	39 8	84 4	15,137		557
Ernest E Heckman	G3	51 8	85 2	15,331		556
Rodger L Wagner	B3	128 0	89 2	14 195		555
Wilson M Balthaser	B3	76 4	83 8	14 893		555
Harvey C Krill Jr	B3	42 3	88 8	14,082		554
Alfred E Schmidt	3	56 2	88 6	14,912		553
Glenn R Harnish	B3	101 9	85 2	15,489		550
John Eiler	B3	50 6	81 7	14 355		550

3 times a day milking

CRAWFORD COUNTY DHIA
September, 1984

Queens Manor Holsteins	RH	19 3	21 434	812	706
Helen Anthony	RH	63 6	20 930	786	680
Richard M Lyons	RH	18 5	20 974	758	678
Tom & Libby Wilson	R&GH	12 7	19 705	757	664
Richard L Black	RH	47 0	20 657	754	676
Black Pond Farms	RH	87 6	20,832	751	677
John Tautin Sr	R&GH	39 3	19 876	747	624
Richard Deeter Farm	R&GH	20 6	18 475	730	592
Ernest Oakes	R&GH	80 7	21 177	725	667
Kerr Hill Farm	R&GH	58 6	18,739	716	603
James K Anderson	RH	55 6	18,509	712	610
Stain brook Farms	R&GH	45 6	19,435	711	645
Crawford County Farm	R&GH	37 9	21,579	708	713
O Darlan Farm	R&GH	47 4	19 867	707	662
Dennis B Halfast	R&GH	42 5	19,354	695	643
H B Simmons	R&GH	131 5	19 483	693	644
Neil J Dearborn	GH	43 8	18 698	680	608
Lyle D Miller & Sons	GH	43 8	17 966	673	588
Richard L Field	R&GH	44 5	18 088	658	563
Slusser & Naugle	RH	44 8	19 635	656	634
Jacob J Leffler	R&GH	50 7	19 000	653	615

Indicates Three Times Milking

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case

TOUGH · RUGGED · DEPENDABLE

The Case 448 is everything you'd expect... a powerful all-purpose tractor for lawn, yard and garden care. It has an 18-hp Onan twin-cylinder engine with hydraulic drive and attachment lift. Rugged cast iron front axle, heavy-duty king pins and welded steel construction. High clearance frame, with big 16" rear wheels, plus electric start, makes this powerful machine a natural choice for big-job chores. Case attachments for the tough 448 include 44", 48" and 60" mowers; 54" utility blade, 48" snowblower and 41" hydraulic tiller. Pull along a 38" lawn sweeper or a 1000-pound capacity dump cart. See it all now.

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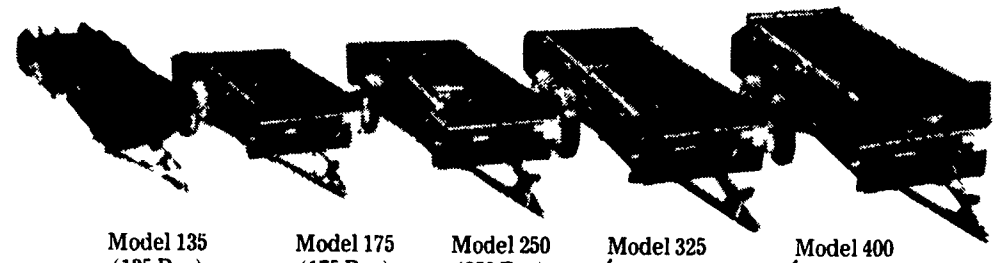

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

ALTERNATIVES TO BORROWED MONEY

How can I take some of the risk out of my farm business? This is a question I often get from farmers. Some who ask this have recently been clobbered with sharply reduced sale prices for products that were budgeted (read cost) for a higher price. Some have become tired of a rather inconsistent amount of money for family income. Others are looking at other avenues to explore.

Contract

There are a lot of different types of contract farming. One is a contract where the person offering the contract has control of one or more parts of the business. In the simplist example of this the contractor may simply offer to buy from you a certain variety of a certain crop. The contractor controls only that, plus of course, the amount to be purchased at a given price. Or the contractor may set the price on certian criteria in the future. Basically the farmer then controls all other aspects of the business - inputs, labor, time of marketing, etc. At the other end of the spectrum is the completely controlled contract where the farmer furnishes labor and facilities (risk capital) and the contractor furnishes everything else including a share of management. The contractor controls nearly all phases of the business. The farmer usually does get a guaranteed price or wage. Most contracts are on a year to year basis with an opportunity for annual negotiations. No one should enter into a long term capitalization program with borrowed money based solely on one of these types of contracts unless there are more than one company available to write such contracts.

Then there are contracts whereby a farmer merely agrees to sell a certain quantity of a given product to a contractor. This can be done via a forward contract to an end user (another farmer even) or to a middleman. It can also be done by informed use of the commodities futures market. Central Pennsylvania farmers will usually come out ahead using a forward contract rather than the futures market. Of course, both methods can be used by farmers interested in buying as well as selling. Example: Farmer A wants to sell 10,000 bushels of corn. Farmer B is interested in buying 10,000 bushels. It may be advantageous for both to draw up a contract setting time and price. Farmer A would be able to budget production loan payments and Farmer B would be able to budget for feed purchases with know dates and dollar amounts.

Limited Partnership

Some non farm people have money they would like to invest in a farm operation. However they want to limit their risk to the amount they are willing to invest. A limited partnership is one way this can be done. The farmer becomes the general partner and the investor or investors become limited partners. There are risks to both parties. The farmer may be trading one set of risks and frustrations for another set. Most limited partners are going to want (a) a tax shelter that will pass IRS scrutiny, (b) very regular and quite detailed reports on the operation, and (c) an eventual reasonable chance to make a profit. Thus the farmer considering such a venture will have to keep a complete set of good usuable records (possibly better than those kept now). He will probably be somewhat more subject to a tax audit and will probably have to be able to show that the operation is or can eventually make a profit. The last item may be difficult if the general partner takes out a reasonable labor and management fee for himself.

The risks of the limited partner are limited to his or her investment, but this may be a higher risk than the person can afford. Limited partnership investments in farming should be made solely with capital that can be lost without jeopardizing the investor. Limited partners should certainly investigate the books of the business from previous years, the financial status of the general partner, and the stability of the farm business being invested into.

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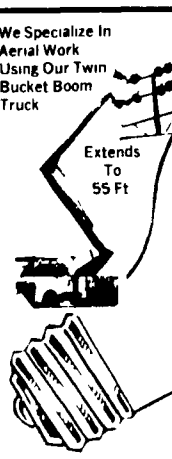

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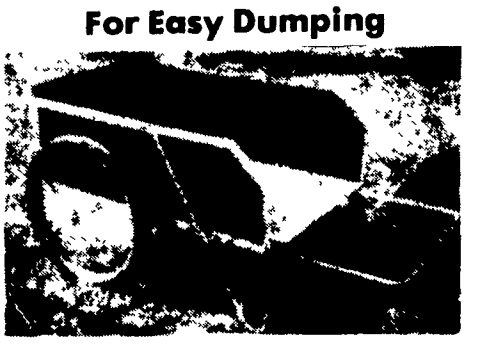

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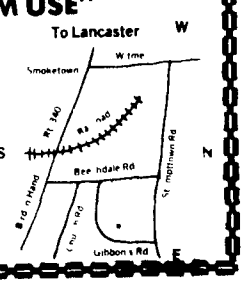

CUMBERLAND COUNTY DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September 1984

Cumberland County Dairy Herd Improvement records show that 9,542 cows in 162 herds were on production testing in September according to Duane G Duncan, County Agent Of the 134 herds on DHIA, 32 herds had an average. fat production of 600 pounds During the month 188 completed their 305 day lactation with 650 lbs of butterfat DHIA Supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road, Carlisle, PA, John Rolar, R #2, Box 97, Newville, PA, Owen McCulloch, R #2, Box 333, Newville, PA, and Shane Henry, R #3, Newville, PA The following are the highest of actual butterfat in 305 days or less in the county during the month The age listed is her age at the time of freshening

OWNER NAME OR NO.		AGE	LBS. MILK	LBS. FAT
Alfred Gaisler				
Oleande	3	3	23,504	1076
Oscar Nealy&Sons				
71	3	5	25,066	997
John F Stoltzfus				
Jody	3	6	24,774	992
Ashcombe Dover Dairy				
R 78	3	5	28,240	#960
Sundays Vallilea Farms				
52	3	4	21,727	954
Leroy Showaker&Son				
Emma	3	5	21,709	950
Ashcombe Dover Dairy				
R 12	3	7	24,038	#948
Nevin Shughart				
Red	B3	5	28,679	924
Clifford Chamberlin				
Handy	3	5	23,589	916
J David Martin				
Janet	3	4	21,473	866
Samuel D Shenk				
Beverly	B3	7	24,611	849
Glenn W Myers				
Princess	B3	5	22,521	849
JB Brymesser&Sons				
322	B3	5	25,931	846
Ashcombe Dover Dairy				
R 158	3	4	22,713	#846
Daniel L Martin Jr				
48	3	5	25,833	#830
Herbert B Shughart				
Kit	3	6	21,362	830
Fred A Hoover				
Opal	3	7	25,118	828
Chester C Weaver				
Bouncer	B3	6	16,875	824
Roy E Snoke				
Benita	3	4	23,215	821
Ashcombe Dover Dairy				
R 161	3	3	19,053	#819
Fred B McGillvray				
Buttons	3	4	18,969	818
Paul Strock				
Valerie	3	6	22,686	815
Ashcombe Dover Dairy				
356	B3	8	21,610	#814
Sundays Vallilea Farms				
320	3	4	24 474	809
Ashcombe Dover Dairy				
174	B3	3	19 419	#809

#-Indicates 3 Times A Day Milking

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK T	LBS FAT
Nevin Shughart	B3	30	89	19,475	722
M Thomas Sheaffer	3	58	87	19,171	703
Clifford Chamberlin	3	29	86	18,480	701
Norman Hertzler	3	35	90	20,292	700
Ashcombe Dover Dairy	B3	183	84	18,818	#685
Ferman L Landis	B3	42	90	18,056	685
J Shephard Wolff	3	50	89	18,241	681
Fred B McGillvray	3	33	88	17,509	679
Alfred Gaisler	B3	47	85	18,650	678
Daniel L Martin Jr	B3	62	86	18,593	#677
Sundays Vallilea Farms	B3	165	89	18,667	672
Kenneth E Zeigler	3	49	90	17,778	665
Ashcombe Farms	B3	206	85	18,122	#658
Nancy M Sensenig	G3	37	87	17,355	656
John F Stoltzfus	3	46	87	18,419	650
Berkheimer Farms	B3	142	84	17,562	646
Glenn W Myers	B3	56	89	18,015	642
Carl Kelso Jr	B3	60	92	17,887	642
Herbert B Shughart	3	25	89	17,651	638
Leroy Showaker&Son	3	84	86	16,938	637
David Gettle	B3	53	87	16,185	634
Milk Way Farms	B3	144	88	16,482	629
Paul Strock	3	119	89	17,278	628
J David Martin	B3	43	84	17,741	627
Thrush Brothers	B3	103	87	16,373	624
Robee Acres	3	105	87	17,032	618
Donald M Leatherman	B3	37	85	17,458	615
Samuel D Shenk	B3	60	84	16,849	609
Mervin E Ruppert	B3	44	84	17,764	602
Leroy Chestnut	B3	51	88	17,179	602
JB Brymesser&Sons	B3	211	86	16,976	601
Lee G Davidson	3	60	86	16,520	601

# Indicates 3 Times A Day Milking

Otto Brothers				
99	3	22,075	3 4	741
Robee Acres				
Cary	7	21,979	3 3	735
Lesley	7	21,238	3 5	735
Fay	5	15,932	4 4	697
Tulip	4	20,010	3 4	674
Norman Hertzler				
Sugar	3	21,874	3 6	796
Brenda	3	20,926	3 3	685
Delmer E Cornman				
Audrey	1	15,767	4 3	677
Tess	4	18,147	3 6	650
Sundays Vallilea Farms				
52	4	21,727	4 4	954
320	4	24,474	3 3	809
87	7	23,445	3 4	786
230	5	22,791	3 3	755
280	4	20,331	3 7	751
34	3	18,572	3 9	726
17	3	22,029	3 2	704
410	3	21,533	3 2	699
412	3	18,233	3 8	698
145	8	22,811	3 0	695
419	3	18,864	3 6	677
414	3	15,849	4 3	676
49	4	20,050	3 3	657
68	2	18,347	3 6	657
Freshair Dairy Farm				
Zola	5	19,811	3 6	721
JB Brymesser&Sons				
322	5	25 931	3 3	846
541	2	20,132	3 9	777
417	4	22,353	3 3	740
469	3	20,467	3 5	722
408	4	20,524	3 5	716
531	2	22,179	3 1	691
526	2	18,026	3 8	683
Ashcombe Farms				
9	9	17 962	3 7	656
Roy E Snoke				
Benita	4	23,215	3 5	821
Galen&Linda Smith				
Harpie	6	21,054	3 8	795
Ruby	3	15,982	4 5	725
Audrey	5	20,543	3 5	717
Lverna	4	20,612	3 5	713
Anita	2	18,644	3 6	671
Pesky	3	16,925	3 9	661
Dipper	3	19,793	3 3	654
Thrush Brothers				
85	7	21,030	3 7	768
111	2	15,342	4 5	683
108	3	19,038	3 4	638
Roy L Miller				
13	11	22,028	3 4	757
22	6	18,691	3 8	706
41	9	19,340	3 5	679
Donald&Dave Lehman				
33	7	21,974	3 5	770
89	5	24,181	3 2	765
18	6	22,808	3 2	722
Paul Strock				
Valerie	6	22,686	3 6	815
Senorit	3	17,206	4 3	747
Shady	5	19,235	3 8	739
Paul O Dyarman				
Sophie	3	18,583	3 8	699
Betty	8	19,831	3 4	684
Harry&Paul Hoch				
Emogene	6	20,310	3 6	726
Penny	6	19,721	3 7	722
Lyndell	4	19,117	3 4	656
Merle&Sharon Dice				
17	4	17,164	4 2	720
111	2	15,938	4 2	674
128	2	18,541	3 6	659
Glenn&Larry Souder				
127	4	18,902	3 8	709
152	3	17,887	3 9	700
J Glenn Glessner				
69	4	16,773	4 4	740
117	3	20,247	3 3	667
Alfred Gaisler				
Oleande	3	23,504	4 6	1076
Misty	6	19,702	3 7	733
Rhonda	3	18 639	3 8	705
Milk Way Farms				
15	4	19,721	4 0	791
48	4	18,556	3 7	691
140	2	16,772	4 0	669
K Hale&J Reese				
Reba	7	22,895	3 0	684
Theda	9	18,069	3 6	659
David Gettle				
Robin	6	17,640	4 2	737
Fran	6	18,774	3 6	677
Betts	5	18,658	3 5	661
Sue	3	15,698	4 2	659
D Clinton Sauder				
Charmin	2	16,433	4 0	652
Fred B Mcgillvray				
Buttons	4	18,969	4 3	818
Blot	4	22,165	3 6	789
J Shephard Wolff				
Jade	7	23,930	3 2	773
Misty	8	19,043	3 5	669
Rita	3	19,082	3 5	663
Janis	2	17,123	3 9	660
Herbert B Shughart				
Kit	6	21,362	3 9	830

(Turn to Page D22)

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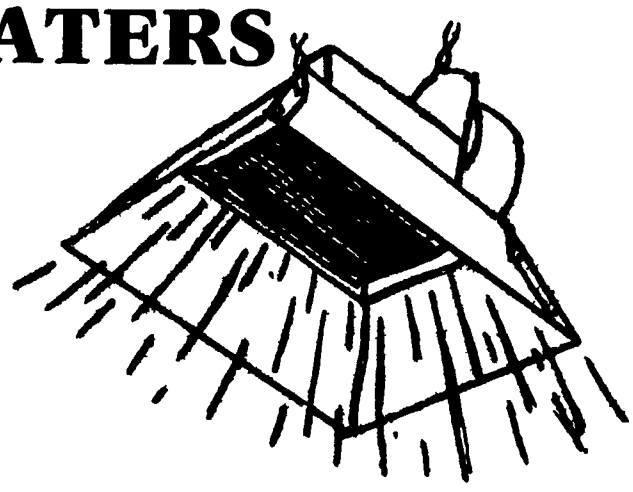

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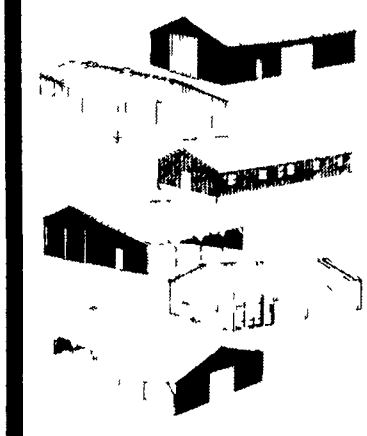

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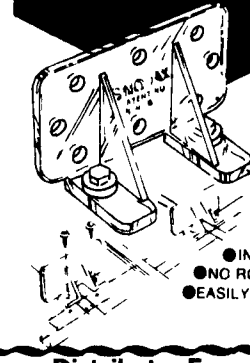

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Evaluating your estate

BY JOHN C. BECKER

UNIVERSITY PARK – Farmers aren't the richest people in the world, but farm property values are increasing. Pennsylvania farmers are buying more life insurance, making more off-farm investments and maintaining larger investments. The average value of a Pennsylvania farm is estimated near $300,000 when all of its assets are included.

Since farms are such valuable investments, it makes sense for farmers to plan their estates and to consider tax provisions that may be available. Two of these provisions involve federal estate and gift taxes.

Because of the unified credit against federal estate or gift taxes, a property owner can determine if federal estate taxes will even be a factor in the settlement of his or her estate. An owner can cut taxes by reducing the size of his or her estate through gifts of property amounting to $10,000 or less to any person in any year.

Both situations require that a value determination be made, either at the time of the owner's death or at the time the gift is made. Value determinations, therefore, are important in finding the application of these provisions.

The first step in value determination for estate taxes is figuring the "gross estate"—all the property someone owned at death. If the property is jointly owned, the relationship of the owners must be identified.

For estate tax purposes, property owned by married couples is split between spouses. If joint owners aren't married, the estate will be considered as owned by the first person who dies, but the surviving owner may then be able to establish the portion that the survivor contributed to the purchase or improvement of the property. This portion will then be excluded from the estate of the first owner who dies.

When two or more people have become owners as a result of a gift or under a will, each owner is considered to have an equal share of the property they have acquired.

Gross estates are not limited to tangible property. Proceeds from life insurance policies are also considered as part of the gross estate if they are paid to the policy holder's estate, or if the policy holder before death had the right to decide where the insurance benefits were to go. If the policy holder retained the right to change beneficiaries, cancel the policy, borrow against its cash value or pledge it as security for a loan, proceeds of the policy may be included in the gross estate.

Gross estate also includes property which the owner tried to transfer away while still retaining interests or powers in the property. Some of these retained interests or powers include designating who can enjoy the property, restricting who can use it, altering the transfer of it or calling it back for personal use if the right exceeds five percent of the value of the property.

In considering gift tax issues, property value and owner interest at the time of the gift are important. A gift that increases in value will be taxed at its value at the time of the gift. Any appreciation after that is property of the gift's recipient.

Three things must be established before applying these tax rules: the identity of property and the owner, and the location of all records relating to the property.

Estate values are determined at the owner's death, but under some situations an "alternate valuation date" of six months after an individual's death can be set. Gift tax values are determined when the gift is given.

For estate and gift tax purposes, property is generally valued at its fair market value—the price a buyer would pay to an owner if the sale wasn't forced and both parties had the same information about the property. The sale of a similar property can be a guideline, but the differences between properties must be recognized.

Property can also be valued by an appraisal. When selecting an appraisal service, select one that offers the qualifications and experience for the most complete information.

Rules for property values are easier to state than to apply. Some courts ruled that a "value" is a definite thing, while others found it to be an approximation.

Whatever the application, it should be remembered that recent amendments to the tax laws have introduced penalties where the use of low, incorrect property value has led to tax underpayments. Therefore, a person should use a thorough and analytical approach when determining property value for estate and gift tax purposes.

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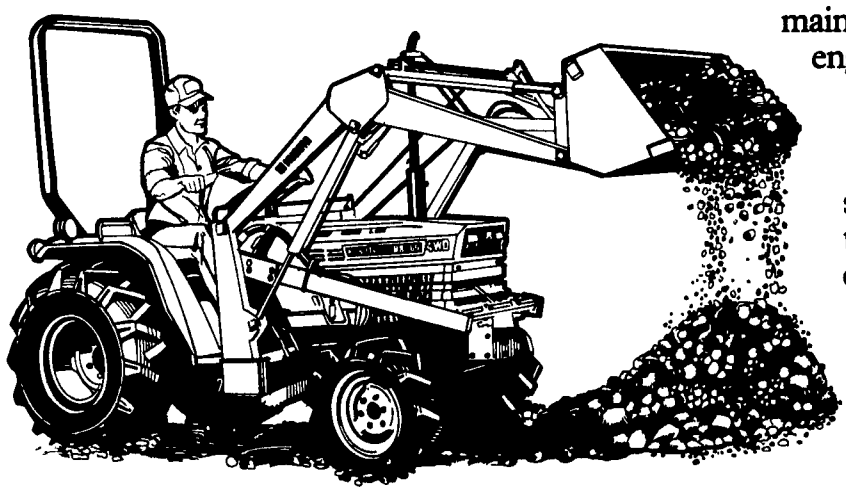

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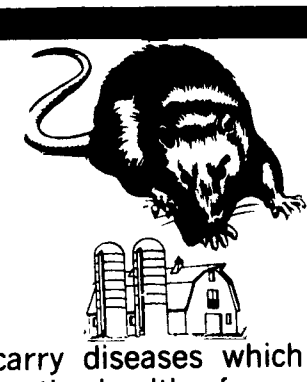

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Lancaster, PA
397-3721

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Cumberland Co. DHIA

(Continued from Page D20)

Frank J Yost				
Glenda	6	20,645	37	756
Ashcombe Dover Dairy				
R 78	5	28,240	3.4	960
R 12	7	24,038	39	948
R 158	4	22,713	37	846
R 161	3	19,053	43	819
356	8	21,610	3.8	814
174	3	19,419	42	809
39	6	22,937	3.5	804
40	6	16,802	47	789
R 194	3	19,223	4.1	783
122	4	26,423	29	762
225	2	20,350	37	760
R 47	6	22,779	3.3	750
R 67	6	18,614	40	742
226	2	21,829	34	741
221	2	19,694	38	739
8	6	24,042	31	738
R 191	3	21,158	40	734
R 239	2	17,138	43	732
177	3	18,037	40	725
R 224	10	20,267	35	718
R 198	3	18,993	38	718
125	4	21,744	33	711
R 240	2	18,124	39	703
R 233	2	19,206	37	702
83	5	22,640	31	694
230	2	17,123	40	685
133	4	19,353	35	676
R 122	4	18,010	38	676
R 96	5	18,733	35	659
Leroy Showaker&Son				
Emma	5	21,709	4.4	950
Doreen	4	19,903	37	737
Terry	3	16,738	42	708
John F Stamy III				
74	9	18,893	42	797
52	3	21,714	36	791
49	5	21,978	36	789
67	5	20,181	33	676
21	5	21,294	31	664
Carl Kelso Jr				
17	7	22,141	36	806
7	2	18,244	39	704
John E Lapp				
Inez	4	24,009	33	794
Lady	5	21,442	36	780
Peggy	7	18,124	3.7	668
Chester C Weaver				
Bouncer	6	16,875	49	824
Sandy	6	20,161	40	800
Fairy	3	21,872	35	776
Button	7	18,330	37	678
Samuel D Shenk				
Beverly	7	24,611	3.4	849
Marge	5	20,420	32	654
Robert H Jamison				
Sabrina	4	20,286	37	748
Sandrod Farms				
44	5	18,818	38	718
Melvin Sensenig				
25	4	15,977	47	743
Oscar Nealy & Sons				
71	5	25,066	4.0	997
5	4	18,525	37	680
5	4	20,285	32	658
Berkheimer Farms				
94	5	23,650	34	798
147	6	19,292	39	755
102	4	21,679	35	753
68	3	17,653	38	678
141	2	17,264	38	663
Stambaugh Farms				
91	3	18 978	36	683
Glenn W Myers				
Princess	5	22,521	38	849
Ethel	6	20,478	39	797
Audrey	3	18,735	39	724
Shine	3	20,308	35	706
Fred&Chris Mcgillvray				
12	2	17,058	42	714
Wm F&Susan Dietrich				
Cecelia	6	14,188	50	703
Pinta	5	12,932	50	650
John F Stoltzfus				
Jody	6	24,774	40	992
Mervin E Ruppert				
Ruth	4	21,485	33	708
Feeble	4	18,886	36	671
Nancy M Sensenig				
Franie	12	17,646	38	671
Clifford Chamberlin				
Handy	5	23,589	39	916
Fred A Hoover				
Opal	7	25,118	33	828
Daniel L Martin Jr				
48	5	25,833	32	830
127	3	17,222	43	734
123	3	19,046	37	696
Marlin Miller&Sons				
53	4	19,075	41	773
7	5	18,526	40	739
J David Martin				
Janet	4	21,473	40	866
Lucida	5	24,221	31	757
Reba	5	18,706	37	686
Roy E Deitch&Sons				
94	4	18,093	42	760
Chris Lapp				
Rhoda	6	16,578	40	670
Mark E Leinaweaver				
Jacky	7	18,174	37	668
Neflan Farm				
Kay	4	18,879	3.6	686
Leon N Reiff				
Charlen	6	20,441	33	680
Echo Ridge Farm				
539	4	18,585	3.6	671
547Adin	5	16,516	40	660
225Mary	4	19,893	33	655
M Thomas Sheaffer				
Crystal	5	23,933	29	688
Arlene Showaker				
Bess	4	16,108	43	689
Crystal	7	14,441	48	689
Robert-Margaret Smith				
Butterb	6	18,444	37	689
Pat	9	18,019	36	650
Mains Acres				
31	6	18,666	42	782
15	5	17,800	40	711
Lee A Hoover Jr				
Neddie	5	19,437	40	778
Beth	3	21,583	32	691
Carla	2	18,519	36	670
Pam	6	17,511	38	669
Nevin Shughart				
Red	5	28,679	32	924
57	2	16,558	41	678
Robert E Keefer				
6	5	19,465	38	732

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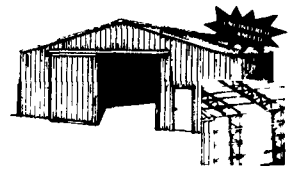
PERMA BUILDINGS



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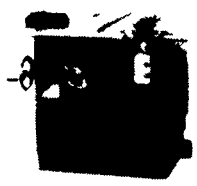

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$1,899

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5 H.P. 3 Phase
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3 SPEED WOOD/METAL BANDSAW
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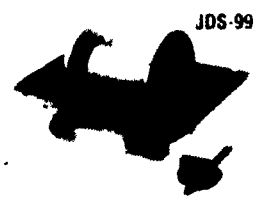
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NOW $99.00

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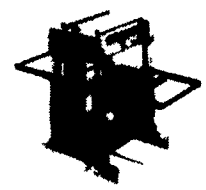
Model 2040 15⅝" Planer **Now $1,165***
- 15⅝" width 7⅞" thickness planer for high quality on-site planing
- compact design easily transported to job site
- 2 HP 13 AMP hi-tech motor for optimum power and efficiency
- high speed, 2-blade cutterhead makes 13,000 cuts per minute
- feed rate of 29 5 feet per minute for fast efficient stock removal


2040

7" Angle Grinder 6000 RPM
- super duty 15 AMP motor develops 2½ HP for long, hard use
- 6000 RPM for fast efficient stock removal
- precision gearing plus all ball bearing construction for smooth power transmission
- convenient spindle lock for easy changing of accessories
- 3-wire ground system for operator safety
- AC/DC instant release trigger switch for use with alternative power sources

GA7001L-6000RPM
GA7001-8000RPM

List $182.00
Now $109*

Model 9045B **Heavy Duty**
Finishing Sander ◻
- 4½"x 9¼" pad design accepts ½ sheet of standard sandpaper
- powerful 4 AMP hi-tech motor for superior performance and continuous operation
- lightweight (6 2 lbs) and well balanced for better control with less operator fatigue
- all ball bearing construction for smooth efficient operation
- operates at 10 000 OPM for a fast hand sanded-like finish
- lever control for quick and easy sandpaper replacement no special tool required

List $156 00
Now $99*

Model 2400BW **Heavy Duty**
10" Miter Saw ◻
- has all the features of Model 2401BW plus
- positive stops at 9 settings 15 22 5 30 45 right or left and 90
- larger table for greater support and stability
- table insert is precision machined polished aluminum for greater accuracy and lightweight
- accepts vise and holder assembly for safe positive stock retention and support

List $319.00
Now $219*

BO4510

Model BO4510 **Heavy Duty**
Finishing Sander ◻
- powerful 1 8 AMP motor 12 000 OPM for super-smooth sanding
- comfortable palm-grip design for easy handling and positive control
- for a variety of heavy duty uses including applications in cabinet and autobody shops
- compact and lightweight (2 4 lbs) for less operator fatigue
- all ball bearing construction for smooth operation
- 4⅜"x 4" pad size, accepts ¼ sheet of standard sandpaper
- flush sanding on all four sides

List $79.00
Now $49.90*

GA5000

Model GA5000 **Heavy Duty**
5" Angle Grinder ◻
- compact and well balanced versatile 5" grinder (10 000 RPM)
- high power-to-weight ratio, 7 8 AMP yet only 5 5 lbs
- precision gearing and all ball bearing construction for smooth efficient power transmission
- AC/DC switch for use with alternative power sources
- standard ⅝ 11 UNC spindle

List $145 00
Now $91*

Model 9900B **Heavy Duty**
3"x 21" Belt Sander ◻
- powerful (7 8 AMP) high torque motor 1180 ft /min belt speed for fast stock removal
- ball and needle bearing construction for long tool life
- motor between pulley positioning eliminates rocking tilting and gouging
- unique design allows flush sanding
- highly efficient dust collector minimizes dust problems
- lock on switch for continuous operation

List $198.00
Now $134.50*

JS3200

Model JS3200 **Heavy Duty**
Shear ◻
- powerful 6 AMP motor for fast cutting action 10 gauge mild steel and up to 12 gauge stainless steel 1600 SPM
- compact and lightweight (7 7 lbs) for easy one-handed operation
- blades have 4 cutting edges each turning blade 90 exposes new sharp edge
- ball and needle bearing construction

List $480.00
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MAILBOX MARKET

For Sale - Registered Polled Hereford Bred Cows and Heifers, reasonable; 1983 Chevrolet 4x4 pickup truck, extras. $8,900. 717-866-4185 or 215-589-2966.

Wanted - 1982-1984 Chevrolet 6.2 litre diesel 4x4 pickup truck. For Sale - 1978 Ford Pinto, AM-FM radio, heater. 717-274-8695.

For Sale - Pulpwood, 4 acres Pine and Spruce, buyer to cut. Columbia Co 717-672-2638. Lanc. Co. 717-872-5263.

Translation expanded

BELTSVILLE, Md., — Translations of foreign-language publications on agricultural science and technology will be more accessible to U.S. Department of Agriculture personnel and other agricultural researchers and extension workers nationwide under a new agreement between the National Agricultural Library and the Office of International Cooperation and Development.

Joseph H. Howard, director of the library, and Joan S. Wallace, administrator of the Office of International Cooperation and Development, said special foreign currencies authorized under Public Law 480 will be used to pay for overseas translation of journal articles, monographs, reports, and other items.

"The library is prepared to accept requests for translations of materials on agriculture-related topics from researchers in the USDA, land-grant institutions and agricultural colleges, and from the Extension Service," Howard said.

Wallace said her agency has arranged for translations to be made from publications in Arabic, Bulgarian, Dutch, French, German, Italian, Japanese, Portuguese, Rumanian, Russian and Spanish. A limited capability is available in Afrikaans, Chinese, Czech, Hungarian, Polish, Thai, Turkish and Ukrainian. Other languages may become available in the future.

For Sale - Oliver 1850-D had major repairs on motor, transmission and steering, good condition. $5,300. Indiana Co., Pa. 412-783-6333.

For Sale - 2 Yorkshire Sows, 1 w/5 piglets, 1 w/8 piglets; 14 wk. old pullets; York Co. 717-244-0624.

For Sale - 7 yr. old Standardbred carriage horse acclimated. $400. Rachel F. Beiler, Box 318, Kirkwood, Pa. 17536. Lanc. Co.

For Sale - Puerto-Rico, Yellow Jersey, Jewel Sweet Potatoes; Pear Butter. David R. Miller, 41 West Eby Rd., Leola, Pa. 17540

Wanted - Genuine Amish doll for friend in Texas. Age unimportant, must be in good condition. Vicki Todd, Dillsburg, Pa. 717-432-5894.

For Sale - 75 Freightliner 318 Dct. Co. 13 sp. 11x24.5 tubeless radials 75%; New radior core $8,900. Cumberland Co. 717-532-3547.

For Sale - Registered purebred Toggenbergs, 2 yearlings $50. each; 1 milking Doe, excellent milk bloodlines. 717-444-7243. Perry Co.

For Sale - Caldron Butcher Furnace w/60 gal. kettle, wood fired. $200. Adams Co. 717-528-4969

For Sale - Brass fireplace screen w/glass doors. (2) E-7815 Town Country studed snow tires on rims. Lanc. Co. 717-786-3134.

For Sale - Irish Setter Puppies, AKC. Williamsburg, Pa. 814-832-3275.

For Sale - 15 triple tier all wire rabbit hutches. Marcus M. Stauffer, R.D.1, Box 2231A, Port Trevorton, Pa. 17864.

For Sale - 1975 Dodge pickup, good condition, AM-FM, overhauled engine and transmission. New master cylinder. Franklin Co 717-328-5898

For Sale - 350 large round bales, good quality hay. Will trade for young steers and dairy heifers. Snyder County 717-374-4018.

For Sale - Coal Burner $225. Chain Saws $35. & $85. Victorian Love Seat $525. Antique Copper Washer $425. Carbon 717-386-5732.

For Sale - IH 1206 D in very good cond., 4800 hrs., dual hyd., dual PTO, cab. $6,900. 215-445-5880.

For Sale - Arctic Cat EL-Tigre 5000., like new. First $1,000. takes it. Lycoming Co. 717-546-5676.

For Sale - JD Van Brunt 13 hole, hoe type grain drill on rubber. $275. M-M 43 h.p. tractor. $280. 717-868-5227 Luzerne Co.

Wanted - Chain link fence for recreation site, new or used, up to 1400'. Lehigh Co. 215-767-3757.

For Sale - Large Bolens Snowmobile $200.; 5 horse rototiller, new $225. Montg. Co. 215-631-1328.

Wanted - Cobey manure spreader for parts. Same as Swartz or Ford Big Blue spreader. Reasonable price. 215-589-2632 Berks Co.

Wanted To Buy - All Kinds of Hay. Lanc. Co. 717-786-8613

For Sale - Farmall F-12, F-14 and 1928 regular Farmall w/mower and David Brown 990. Lanc Co. 717-354-9243.

For Sale - 6 yr. old registered Corriedale Ram, heavy fleece; 7 yr. old Nix Besser Dorset Ram, twin. Lanc. Co. 215-267-5860.

Wanted - A good used agitator, Lagoon pump, PTO drive. 814-793-3308 Blair Co.

For Sale - Female Jack Russell Terrier, 2½ yr., great Christmas gift. Adams Co. 717-334-0400.

For Sale - 1984 Kawasaki KX80 dirt bike, like new condition. $750. or best offer. 717-859-1054.

For Sale - Milk crates; wire or wire and wood. Any quantity. Can deliver. Wayne Co. 717-253-0296 before 7:30 a.m.

For Sale - Myers 7 ft. snow plow $250. 215-257-7491 Bucks Co.

For Sale - 3 gentle nanny goats $35. each or will trade for Hay and Straw. Northern York Co. 717-938-1222.

For Sale - JD B, Hesston PT10 haybine 6206 Deutz. Ben J. Kinsinger, R.D.1, Box 234A, Meyersdale, Pa. 15552.

For Sale - German Shepherds, 8 wks. $100. Yorkshire Terrier, 6 mo. $150. Mifflin Co. 717-899-6716.

For Sale - 2 DeLaval Pail Units, 1 stainless steel strainer. 301-334-2383 or 301-334-3379. Priced to Sell.

For Sale - Stand-By 5KW generater w/4 cylinder contidental engine on skid, good condition. After 5 PM 717-656-2430.

For Sale - Auto coal stoker central hot air furnace, 115 K BTU, 3 years old, $750. Glov. NJ. 609-423-7245.

For Sale - Kalamazoo kitchen range, almond and white, good condition, $150 or BO. Lanc. Co. 717-733-3438.

Wanted - Brown-Lippie transmission for 1930's truck (1½ to 5 ton) or parts for same. Lanc. Co. 717-393-7452 evenings.

For Sale - Reg. Saanen Doe, exp. $50. Reg. American Alpine Buck. 1985 Nubian Sales List avail. Lanc. Cty. 717-548-3764.

For Sale - Spring wagon bed almost new, $400. Small gas heater, $50. Aaron K. Fisher, 141A Queen Rd., Gordonville, PA 17529.

For Sale - Ford plow 2 bottom 3 pt. trip back, good condition, $250. York Co. 717-235-2032.

For Sale - A few good used Coleman Lanterns. Enos Esh, 14213 Queen Rd., Gordonville, PA 17529. Lanc. Co.

For Sale - Fisher Papa Bear woodburning stove w/fireplace screen, air tight, excellent condition. $375. Berks Co. 215-944-9616.

For Sale - Seman tank, 6 canister, $375. HYD motor hoist, adjustable legs and boom, new. $295. Lanc. Co. 717-786-1232.

For Sale - Bristol black raspberry plants, $15 a hundred. Henry H. Leid, Lanc. Co. 215-445-4092.

For Sale - Sunbeam cow clippers, $50. Milk transfer system. Surge vacuum pump. S.S washtubs, milking machines. Adams Co. 717-359-4474.

For Sale - Hay, Timothy and Orchard grass. Quality hay for horses and beef cattle. 301-692-6920.

Wanted - Cast Iron Machinery Seats w/names. Also, cast tool boxes & lids. Elmer Gamble, R1, Alexandria Bay, NY 13607. 315-482-2371.

ZIMMERMAN MANUFACTURING CORP.

HOLLANDER RD, RD3
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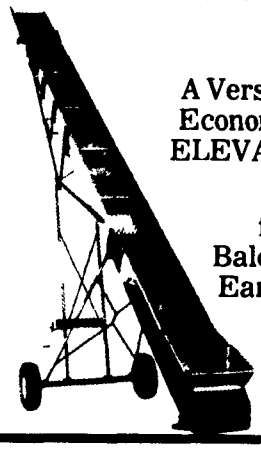
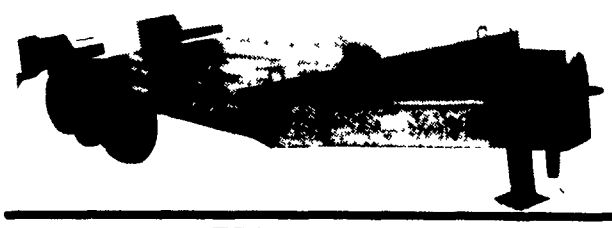
Wall Fan
With Hood And Cabinet



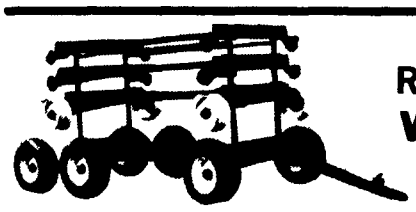
A Versatile, Economical ELEVATOR for Bales And Ear Corn

UTILITY TRAILERS



Gross Cap. 3,000 to 24,000 lbs.

Variety of Sizes Made to Order



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FOR EMPTYING MANURE PITS
Efficient, Economical and requires less Horsepower than most systems

Portable

Stationary

CALL FOR PRICES AND YOUR LOCAL DEALER

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For Sale - JD Model 40 dozer, new pins & bushings gen. rebuilt, new bearings, top condition. $2,700. Lacha. Co. 717-563-2913

For Sale - 1500 gal. Model M Mueller Mich Tank, dual condensing units, new 1982, auto-maticwash, $5,500. Shelbyville. 317-398-6722.

For Sale - Sawed locust posts, some 3"x6" and 4"x4" by 7'. Lebanon Co. 717-665-7606.

Wanted - Old Antique JD tractors (Pre-1940). Preferrably on steel wheels, any condition. Salem Co. 609-358-7468.

For Sale - Stanchion Yokes, $2/piece. Lanc. Co 215-445-5378.

For Sale - GMC pickup early 40's, runs, $50(Massey Harris gas engine 2 HP, $425. Bucks. 215-249-9151 after 7 PM.

For Sale - JD 16A flail chopper, Rheem 50 gal. gas hot water heater, Jamesway tipup manure elevator. Chester Co. 215-593-6958.

For Sale - Badger silo unloader, 14', $300. Knight 350 spreader, Gratz web, god shape, $3,500. Lanc. Co. 215-593-2415.

For Sale - 471 GMC diesel power unit w/clutch, $5,000. Hot water hanging unit heater, good for work shop, $125. 215-326-0156.

For Sale - Cows and heifers due from now till spring. Benj. E. King, #3, Quarryville, PA. Along Lamparter Rd.

For Sale - Singer sewing machine, tredle type, good condition. $50. Lehigh Co. Center Valley, PA 18034. 215-282-1640.

For Sale - AKC Boston Terrier pups: male, female, 7 wks. Samuel Fisher, 3302B E. Gordon Rd., Gordonville, PA 17529.

Notice - Free to good home. Lab-Husky mixed. 8 month male, friendly, good w/children. Excellent farm dog. Lanc. Co. 717-786-4791.

For Sale - 1964 IH tandem dump, 549, V8, 5+3 trans., PS, 60,000 GVW, 14- steel dump, $3,500. Lanc. Co. 717-626-5438.

Wanted - 6" grain auger, 16' or longer. Lanc. Co. 717-733-8581.

For Sale - Southdown starter flock. 4 ewes bred to Junior Champion at National Show, 6 ewe lambs. Indiana Co. 412-459-5254.

For Sale - 1080 MF diesel tractor, WFE, multipower, 16.9x38 tires, needs transmission work, $2,550. Cumberland Co. 717-532-8856.

For Sale - Snow blower, 38" single stage to fit Ford lawn & garden tractor, excellent condition. Berks Co. 215-488-1571.

For Sale - 6 lambs, $40 each. Cardinal concrete saw w/blades, $475. Wanted - Wagner Loader Manure Fork. Berks Co. 215-582-3066.

For Sale - Angus Holstein feeder steers and heifers. 300-600 lbs. Berks. Co. 215-562-2118.

Notice - Rent dairy farm. 30 A. tillable, 32 stalls, 2 silos. Amos Zook, R1, Strasburg, PA 17579. Lanc. Co.

Wanted - Cylinder for a 4 HP screen cooled Mogul gas engine or a complete engine. Carroll Co., MD. 301-346-7327.

For Sale - Gehl 300 1 row harvester, $700. MF grain drill needs some repair, $100/BO. Berks Co. 215-484-2338.

For Sale - 11 head dairy cows, 1 bull, 10 holsteins. Andy Mast, Jr., R1, Box 247I, Hartly, DE 19953. Kent Co.

For Sale - Springer Spaniel puppies. 6 weeks old, black and white males and females. $25. each. 717-694-3723.

For Sale - Chrysler diesel engine equipped w/turbo charger transmission. Alternator. $2,695. 717-532-6139.

For Sale - 206 NI manure spreader. $950. John E. Lapp, 2522 Meadow Land Drive, Ronks, Pa. 17572. Northeast of Guernsey Barn.

For Sale - Rite Way combination wood and coal heater. Jonathan Lapp, Myerstown, R.D.2, Box 274. Between Schafferstown and Reistville.

For Sale - Welding Rods, approx. 375 lbs., assorted types, 1/8", 3/16" and 1/4" some w/flux. All $45. Luzerne Co. 717-654-1569.

Wanted To Buy: D17 AC series 4 tractor; Also, loader to fit same. Highland Co. 703-396-3478.

Wanted - Front end loader for AC D-12. Warren Co., NJ. 201-454-9920.

For Sale - Half Arabian 4 yr. old mare w/papers. Green broke, quiet. Boys like motorcycles better. Mifflin Co. 717-242-0279.

For Sale - Kitchen cooking ranges, room heaters, new and used. Wm. Martin RD 1, Box 387, New Holland, PA 17557.

For Sale - IH cub Lo-Boy w/front end loader, 60"-3 blade belly mower, garden plow, $2,700 or seperate. Montg. Co. 215-723-6496.

For Sale - Yellow Flame Boiler & Furnace Stoker. Montour Co. Ira Z. Stoltzfus, RD 8, Box 16, Danville, PA 17821.

For Sale - IH 986, 1300 hrss., A-1 shape, cab, air, conditioned & heated, dual remotes. Sch. Co. 717-345-3229.

For Sale - 4 year old saddlebred horse safe and sound. David H. Fisher, Bachmantown Rd., Ronks, PA 17572.

For Sale - Two hot water or steam cast iron radiators. 6 tubes, 19 high, 6¾" wide, 48" long. Berks 215-367-8939.

For Sale - GEM GRAIN ROASTER on wheels. 12t/hr capacity. Self contained fire extinguishing system. Like New. $14,000. Culpeper, VA. 703-825-8955.

Notice - Free for taking down, 20'x40' 1 story wooden building, 2x4, ¾x10' sheeting, 2" 10', good windows, 6' weather board. 717-566-0092.

For Sale - 3 yr. Morgan saddle bred cross Gelding. East of Greentree. Daniel K. King, Box 373, Quarryville, Pa. 17566

For Sale - JD 346 baler w/ejector. 215-488-1733 after 8 p.m.

For Sale - 1946 JD A, starter, lights and P/Trol. Also 1948 Massey Harris 30 for parts. Lanc. Co. 717-768-8901.

For Sale - Breeding age heifers, vaccinated and dehorned. A.B.S. Sired bulls. Eli Glick, Monterey Rd., Box 177, Bird-In-Hand, Pa. 17505.

For Sale - 2 Fireston L78-15 snowtires on 5-lug Ford pick-up wheels, balanced, like new. York Co. 717-225-1600.

For Sale - TO-4 air research rebuilt, $325. 717-626-5678.

For Sale - Geese and black walnuts. Jacob L. Miller, Mill Creek School Rd., Bird-in-Hand, PA 17505.

For Sale - Pr. 14" radial snowtires, 13" & 14" wheels, Chevette tire & wheel. Pr. 6 ply 14"x70 good for farm wagon. Lanc. Co. 717-665-5848.

For Sale - King coal wood stove w/blower and cook top used less than 3 yrs., $450 or best offer. 717-665-6149.

For Sale - Angus, Holstein & Hereford Holstein Cross steers 400-800 lbs. 60 cents per lb. Salem Co., NJ. 609-769-2984.

For Sale - Lehigh cooling compressor, 3 HP, like new. Amos S. Beiler, R1, Box 223, Christiana, PA 17509.

Wanted - Produce cleaner & grader, any condition. Also, used Wisconsin engines. Samuel S Stoltzfus, 2447 Stumptown Rd., Bird-in-Hand, PA 17505.

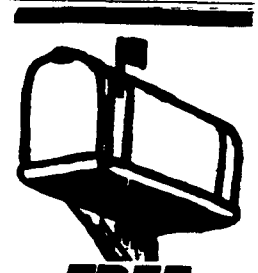
For Sale - Minnich tobacco bale box in good shape. top buggy with no roller bearing. 717-354-0962.

For Sale - Reg. yellow labrador retriever, 1 yr., $75. Reg. great Pyrenees, 6 months, $150. Southern Lanc. Co. 717-548-3814.

For Sale - 3 pt. Ford buck saw, $135. 15 KW Winco generator, $825. Lanc. Co. 215-267-6643.

For Sale or Lease - Steiner 80 TMR Rolamix mixer. Used 1 yr., excellent condition. $3,500. Lanc. Co. 717-653-8090.

For Sale - Old weather boards. Wide boards. Amos F. Beiler, 153 Mine Rd., Paradise, PA 17562.



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience; all advertisements must be mailed to the office by 5:00 P.M. Monday or same will be held over for next week's paper; no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

No Phone Calls Please

For Sale - Kreider tobacco press, best offer; Badger cattle feeder 50', $200., 150' metal trap, $100. 717-626-2920 or 626-6059.

Wanted - right rear side hub and brake drum for 1953 F350 Ford truck. Warren Bucher, Myerstown, Leb. Co. 717-949-3504.

For Sale - Int. 656 diesel hydrostatic drive w/2001 loader and Int. 140 3 btm. rollover plow. 215-262-4251.

For Sale - Alpine Buck Service - Amity Journeyman. Sire: Hill-N-Holler Star Journey. Dam: Fox Hill Merrirose. Excellent milk/show. Bucks Co. 215-257-8847.

For Sale - 27 feeder pigs Yorkshire and Landrace cross. Dauphin Co. 717-566-0329.

For Sale - JD 9' spring tooth harrow, new teeth and slides. $325. Stauffer 2 row transplanter. $95.00 Lanc. Co. 215-445-7101.

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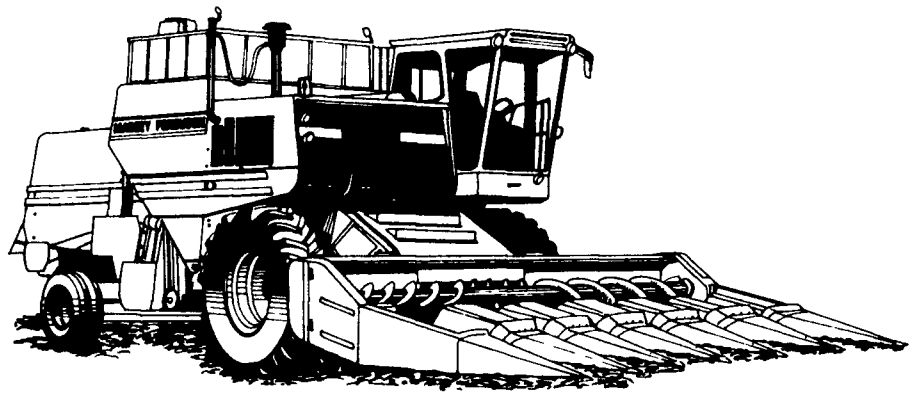

Hurry! These offers expire December 29, 1984.

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N.H. FLICKER & SONS, INC.
Maxatawny, PA
Ph: (215) 683-7252

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RD 1
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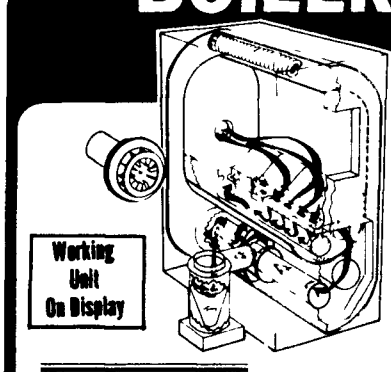

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MAILBOX MARKET

For Sale - 1970 Ford, 26,000 GVW, long wheel base, C & C, good condition $2,900. Northumberland Co. 5-9 evenings. 717-286-1064.

For Sale - Warm Morning Coal Heater $375. Along Rt. 772 near Carpenters Church. Joe Zimmerman,R.D.1, Leola, Pa. 17540

For Sale - 12 KW Winpower alternator on cart w/PTO shaft. Cumberland Co. 717-776-6220. 6 a.m. or 6 p.m.

For Sale - 1984 double registered-paint-pinto filly. 1984 breeding stock filly by Burgandy Tardy, (AQHA). Berks Co. 215-562-7776.

For Sale - New Diamond Horseshoes, 67 shoes OOH, 41 shoes 2TH, .85 cents a piece, $80. take all. Berks Co. 215-286-5724.

Wanted - Timber - Red, white and black oak, ash and walnut for veneer. Also trees for firewood. Call Collect 717-624-4262.

For Sale - Farmall M; NI 217 manure spreader; snow blade; 1½ ton bin. York Co. 717-225-3894

For Sale - 5 used aluminum windows, 6 light; 41"x43"; 2 pcs. Fir; 1 pc 6"x8"x18'; 717-665-3653. Lanc. Co. after 6 p.m.

For Sale - Grade Jersey Heifers, all sizes. Huntingdon Co. 814-542-4422

For Sale - 1 ton elect hoist, motorized trolley, 50 ft. I-beam track $1,500.; 1 ton platform scale $450. 717-286-5306

For Sale - Manure Spreader on 72 Dodge ¾ ton truck w/snow plow $1,100. Cornell Barn Cleaner $700. 717-421-3056. Monroe Co.

Wanted To Buy - Utility Trailer, 7'x 10' or 12'. Also an Ironworker Iron Shear. 717-733-8313. Lanc. Co.

For Sale - Used 1½ h.p. motor w/mounted Gould's 1½ pump attached jet type; ABS Water System Pipe. York Co. 717-432-9056.

For Sale - 1½ year old Suffolk Ram $60. Lanc Co. 717-367-2672.

For Sale - Hesston PT10 9 ft. Haybine. $1000. Cumberland Co. 717-776-3424.

For Sale - Four Majestic Ranges. Two w/Reseviors, two without. All Ivory w/beige trim. Schaefferstown. 717-949-2195.

Wanted - JD Baler w/hydraulic thrower and 2-3 wagons. All in very good condition. Lehigh Co. 215-298-2456 after 6 p.m.

Notice - WOODWORKERS - Local shop now carries woodworking supplies, hardwoods, exotics; Freud, Foredom, Marples, Record, Sorby, Mohawk. 717-755-8884. York Co.

For Sale - 1968 Chevy ¾ T pickup, 1 owner, PS, PB, A/C, new 750-16 tires. $1,250. Chester Co. 215-932-4728.

For Sale - Standard Horse 4 yr. old, w/speed. $300. Along North Farmersville Rd. I.B. Zimmerman, R.D.2, Ephrata, Pa. 17522

Wanted - Used Conde rotary type pulsation; 3 unit #600 milkers. Jacob B. Ebersol, Box 128, R.D.2, Peach Bottom, Pa. 17563.

Wanted - Wholesale supplier of nursery stock. P. White, R.D.2, Box 258, Glen Rock, Pa. 17327

For Sale - NI 4 whee manure spreader $595. 904 AC haybine $595.; 2E AC transport disc harrow $595. 717-354-0266.

For Sale - Dearborn corn picker. Stephen Jones, R.D.1, Klingerstown, Pa. 17941. Schuylkill Co. 717-648-0039

For Sale - Three registered Brown Swiss bred heifers due December, full pedigrees, bred to top Sires. 814-848-7474. Potter.

For Sale - Border Collie puppies; Alfalfa hay; Charolais Cows; Orchard Grass Seed. 215-756-6618. Lehigh Co.

For Sale - 10-20 Titan Tractor, #TI8080 mint cond. $4,000. Screen coaled 15 h.p. patton on cart $1,500. 717-354-9939.

For Sale - "Princes's St. George" weanling filly, Golden Palomino Roan, Blaze, Three Sox, Doll Head, huge hip. $1,250. 717-223-8950. Monroe.

For Sale - JD 620 gas tractor w/227 JD mounted corn husker. $2,200. 215-298-2881. Lehigh Co., Pa.

Wanted - Someone to start 2000 chicks, Jan. or Feb. Amos D. Lapp, R.D.3, Box 436, New Holland, Pa. 17557.

For Sale - Ready to slaughter family steer, need someone to take half. York Co. 717-246-3501.

For Sale - 1980 Dodge 1 ton Club cab pickup, dual wheels, 10,000 GVW, PS, PB, air. $6,500. Northampton Co. 215-588-6582.

For Sale - Oliver 14/3 trip plow on rubber. $100. JD-G excellent shape $2,000. O.B.O.; Montg. Co. 215-489-2188

Wanted - 2 750x18 cleated tires for manure spreader. Cecil Co., MD. 301-378-2569.

Wanted - Dav Key license tags especially Delaware or any 1940's. $3.00 and up. Don Fehr, Box 872, Northfield, NJ 08225

For Sale - Purebred Angus Cattle, by and bred to top A.I. bulls. Club calves; Angus and crossbreds. 814-355-7884

For Sale - 32' Zimmerman Elevator; Eze Flo gravity bin wagons; 2 row Int. disc corn planter; large snow plows. 717-345-8815.

For Sale - Wood saw; small feed grinder; Oliver grain drill; 2 wheeled trailer; large V-type angle snow plows; 717-345-4882.

Wanted - 2 row PTO potato harvester, also 2 row potato digger. John Rill, Hampstead, MD. 301-374-2638.

For Sale - young Jersey bull, good for heifers. $400. Chester Co. 215-269-3442.

For Sale - 8 yr. old Standardbred carriage horse, good field worker. 717-859-2374. Lanc. Co., Pa.

For Sale - IH single point fast hitch rototiller. $350. 215-683-7230.

For Sale - Border Collie mixed puppies, ready for Christmas. $20.; 5 calf hutches, good cond. Lanc. Co. 717-665-7284.

Wanted - one ton truck-chassie and cab w/dual wheels, 4 speed, 161" wheel base, 1974 up.; JD L w/mower. $1,000. 215-598-7546.

For Sale - 7 year old saddlebred horse, ready for trips. Also standardbred horses, some family broke. Lanc. Co. 215-267-3695.

For Sale - White Columbian cook range w/shelf and chicken coops. Lanc Co. 215-445-5265.

For Sale - Pulling tractor frame, Farmall M rear, 24"-5'-32" tires w/M & W hubs. Whole or parts. Lanc. Co. 717-768-8955.

For Sale - Young Jersey family cow. Paul F. Martin, Gristmill Rd., RD 1, New Holland, PA 17557. Lanc. Co.

For Sale - 1980 Artic Cat jag 3000 snowmobile. Fan cooled oil injection, excellent condition. Chester Co. 215-593-5371 after 6 PM.

Triple unit Tobacco press, $300 w/Handy man Jack, $270 without Jack. Free delivery within 15 miles. Harvey Wonder 215-593-6287.

For Sale - 1978 IH 4070B, PS, 350 Cummins, 13 SP. 717-624-8249 day and 624-8661 evenings.

For Sale - 1½ ton Johnson 2 wheel Army Cargo Trailer, 6'x10' bed, hydraulic & and brakes, $800. York Co. 717-244-7568.

For Sale - New steel roofing and siding, red, 114 pieces; 8' 170 pieces; 10' 110-pieces; 18', $35. Cumberland Co. 717-776-7942.

For Sale - AKC male Boxer, 4 years old, Best Offer. Also, rat Terrier puppies, $40. Queen Anne's Co. 301-778-1919.

Wanted - Old cigar box labels, old business correspondence, envelopes, old paper money, stock certificates, photographs. Lanc. Co 717-560-0639 after 6 PM.

For Sale - Uni 702G w/729 sheller and 720 corn head. Excellent condition. Montg. Co. After 5 PM 215-855-1053.

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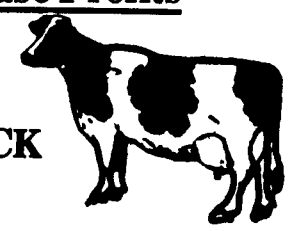

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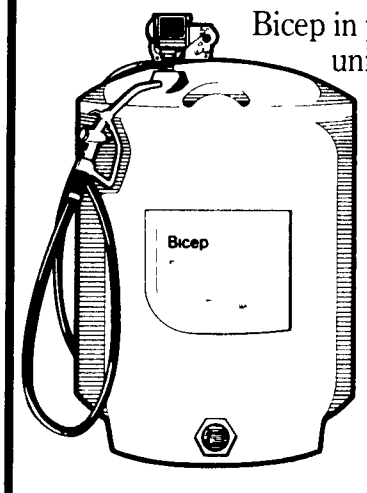

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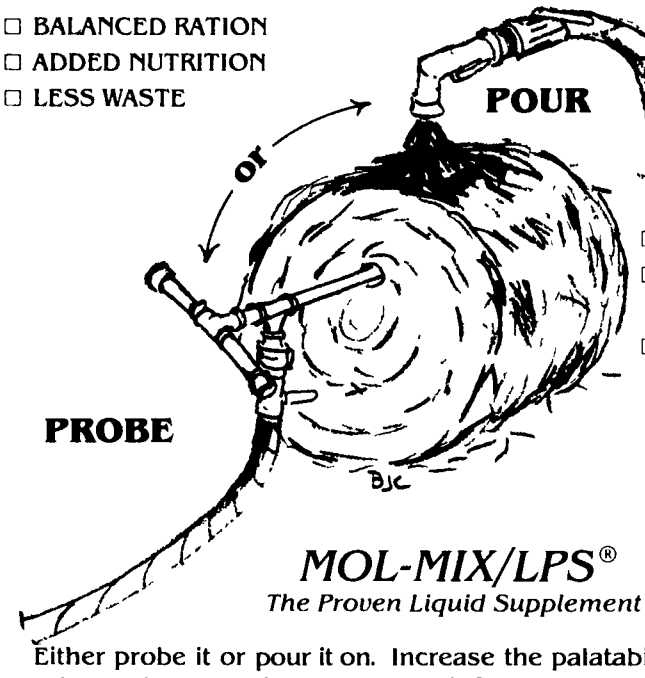

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DEALER INQUIRIES INVITED

Sale Reports

A Public Auction of antiques and collectibles was held November 24 by Bessie I. Fortna, north of Lebanon, Pa. on Thompson Road. A large crowd attended and buyers were present from five states.

Some prices received were: 2 piece corner cupboard $1800, bucket bench $1100, farm table $900, gateleg table $410, baby carriage $350, copper apple-butter kettles $280 & $300, child's pressed back rocker $260, cow butter print $250, Centennial vegetable cutter by S. Hauck & Bro., Leb., Pa. $275, candle box $135, post card album $130, spongeware bowl $95 and Maytag gasoline motor $57.50.

The auctioneer was Mark Jones.

XXX

A Public Auction of livestock and machinery was held December 1 by Mr. and Mrs. Mose L. Yodder, 2 miles northeast of Kratzerviller, Snyder Co., Pa.

Some prices included: threshing machine $200, hammer mill $120, N.I. manure spreader $725, tomato transplanter $220, old Oliver mowers $30 & $55, grain binder $140, corn binder $125, walking plow $185, old Int. engine $250, White top buggy $150, wagon & flat bed $350, milk cans $10 to $22.50 each, 2 horses $600 each, and 1 horse $620.

The cows averaged $628 with the 2 top registered Jerseys bringing $735 & $700.

Mark Glick was the auctioneer.

XXX

A Public Auction of real estate and household goods was held December 1 by David L. Burkholder, 209 W. Main Street, Leola, Lanc, Co., Pa.

The real estate, a 2 1/2 story, two apartment frame dwelling with a 2 car concrete block garage and a 3 car aluminum garage was sold to Wayne Widders, 211 W. Main St., Leola for $65,000.

Other prices were: 1976 Buick Sedan $2875, set of 6 plank bottom chairs $1110, oak office desk $600, combination safe $190, Elgin pocket watch $75, Lionel Pennsylvania electric engine $260, Lionel engine $140, homemade toy train with engine & coal car $160, surveyor's transit stand $160, mechanics tool box $105, portable Fairbanks scale $80, Remington 22-gauge rifle $160, J.D. 110 tractor $900, Troy build rototiller $40, Billy Goat lawn vacuum $310 and antique bird house $255.

Auctioneers were T. Glenn Horst and Timothy G. Horst.

MAILBOX MARKET

For Sale - AC 4 row no-till corn planter w/insecticide applicator; John Bean Crop Sprayer; Myers Air Blast head; Lehigh Co. 215-767-2234

For Sale - Team Sorrel Belgian Mares, 17 hands, need lines. $1,600. Box 255, R.D.1, Mt. Pleasant Mills, Pa. 17853. Snyder Co.

Wanted - Incubator for 30 to 200 eggs. 215-285-2563. Lehigh Co.

For Sale - 5 head black Angus feeder cattle. (4 heifers, 1 steer) 485 lb. Home raised. $225. per head. Chester Co. 215-383-0581.

For Sale - Boards from Becker distillery built 1795. O and S smoke box door 30", fire box door 24". 717-626-7385 Lanc. Co.

For Sale - Five steel corner hay racks for horses. Chester Co. Mornings. 215-948-5769.

Wanted - Cletrac model 100 crawler made in the 30's. Any condition. Write: J.B.K., 79 Lower Mill Rd., Elmer, NJ 08318.

For Sale - AC 6060 new condition, 375 hrs., rear weights, dual remotes; WD45 $950. wide front. Northumberland Co. 717-672-2406.

For Sale - NH 845 roll baler used less than 500 rolls $5,000. offer. Also mixed hay. Martinsburg, W. Va. 304-229-3917

For Sale - Ranges cooking stoves; room heaters; Clarence Martin, R.D.1, Box 724, Grist Mill Rd., New Holland, Pa. 17557.

For Sale - D4 Cat. w/angle blade just overhauled, also pony engine for Cat. and some parts. Lanc. Co. 215-445-5103.

For Sale - IHC 550 manure spreader, brand new Gratz Web and Tail Board. $850. 201-454-4963 days. 201-454-1618 eves. Warren Co., NJ.

For Sale - Livestock Racks for 70's-80's Chevy pickup truck $35.; Roper 4 burner, 40" gas stove $65.; 717-627-2075 Lanc. Co.

For Sale - 4 month, male Collie pup, AKC, shots, wormed. Also some rare breed chickens. Lanc. Co. 717-656-8958

For Sale - McDonald pump jack, wooded rods, 1-7/8" x 18" brass cylinder, Columbian cookstove, spring wagon wheels w/axle. Lanc. Co. 717-859-3926.

For Sale - 15 h.p. air compressor w/24 h.p. Kolher engine. Jacob Riehl, Honey Brook #2, Churchtown Rd., Pa. 19344. Lanc. Co.

Wanted - Flock of young Pekin Ducks, hatched spring of 84. John P. Connell, 468 Rose Hill, West Grove, Chester Co. 215-869-2252.

For Sale - 1979 Toyota Corolla, AM-FM stereo deck, rear defogger, 2 snow tires, 84,000 miles. $2,500. Bucks Co. 215-257-4377 evenings.

For Sale - 2 Boars,(1) 9 to 10 month old, 2nd 15-16 month, Yorkshire cross. $225. a piece. Lanc. Co. 717-354-9855.

For Sale - 1974 Ford pickup, ½ ton, 240 cu. in. 6 cyl., 8' bed w/cap. $1,700. Baltimore Co., MD 301-477-0393.

For Sale - Medium sized round corn fodder bales. 717-569-4762. Lititz area. Best results after 5:00 p.m. Delivery can be arranged.

For Sale - 1974 Ford F100 302, V8, 4 speed, 6 good tires. For Parts. 717-595-2890. Monroe Co.

Wanted - Used Mobile Home. State price and condition. Pequea Coach Shop, R.D.2, Box 280, Narvon, Pa. 17555. Lanc. Co.

For Sale - NI #10 Picker for parts, very good rolls and chains. Lanc. Co. 717-354-7889.

For Sale - 3 Sterling DeLaval milkers w/60 lb. pails. Lanc. Co. 717-354-5489.

For Sale - Shade Trees-Willows, Maples, Locust, Sycamore, Hackberry, Mahagany, Hornbeam, Catalpa, Moch-Orange, Ash etc. Leola, Lanc. Co. 717-394-3607.

For Sale - 300 gal. fuel tank on skids/pump etc. $100.; Farmall H $1,400. North. Co. 717-672-9440 after 7.

For Sale - 3 gal. ice cream freezer, electric. $125.; Gas burner for under butcher kettle $60.; Berks Co. 215-589-2689

For Sale - 7 ton wagon running gear, good condition $275. Lanc. Co. 717-354-8126

Free St. Bernard, purebred, friendly female. For Sale 806 Peddle Tractor. Chester Co. 215-274-8019

For Sale - 24 Yorkshire Landrace Cross Feeder Pigs, 50 lb. York Co. 717-292-1924.

Dairy Goats A.D.G.A. Nubians. Pedigrees milk records to 3400 lb. Does, bucks and stud service. Price bargaining. Gettysburg. 717-334-7993.

For Sale - All 3 snouts for a MF 22 corn head, good condition. 717-766-3022.

For Sale - 5 Sows due soon, 9 bred Gilts wanted warm morning 400 no. Lanc. Co. 717-354-5360.

For Sale - Canaries-Contact Paul Derstler. 717-665-3749. 8 a.m. to 1 p.m. or Saturday.

For Sale - JD log splitter, 3 pt. hitch, complete; Fast Hitch rear 6' blade. Sch. Co. 717-682-3894 after 6 p.m.

For Sale - 1 very gentle Golden Palamino mare. 16 hands, beautiful coloring, dappeld very nicely. Good for breeding. 717-345-8426.

For Sale - By Owner-Farmette approximately 150 acres, good for beef, horses, sheep. Centre Co. 814-355-4914 after 5 p.m.

CALL US FOR FREE ESTIMATES
on TOP QUALITY BARN SPRAY & BRUSH PAINTING
·Try Our New Concept In Penetration And Adhesion.
In 1984

To earn a dollar - give a dollars worth of service and work. Pay only $750 for the best kind of barn painting on an average barn - if you pay more you paid too much

On barn siding painting - temperature and timing are factors as well as penetrating kind of quality for adhesion are helpful guides for long lasting under average conditions of siding type and age

I will share helpful guidelines on roof maintenance of steel roofs by brushing on at prime time.

The farmers in Lancaster Co. are lucky because of the amount of competition in barn painting.
Check with us for the best deal!

PHARES S. HURST
RD 1, Box 503, Narvon, PA 17555
215-445-6186

BRUNING
Years of experience plus self employment gives you quality work for less expense.

LARGE TWO DAY SALE

OF FARM EQUIPMENT
at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Rte. 81 at Marion Exit, Rte. 914 on

THURSDAY, DEC. 13, 1984
FRIDAY, DEC. 14, 1984
Sales at 9:00 A.M. Each Day

Selling Thursday, Dec. 13
Usual run of tractors inc. John Deere, Int., Fords, Massey Ferguson, Case, Oliver, A.C., and others, some with loaders; trucks, trailers, lawn and garden equipt., some Ind. Equipt. expected. misc. items of all kinds inc. chain saws, tires, pipe, lumber, posts, new and used hardware and usual run of items.

Selling Friday, Dec. 14
Farm Equipt. inc. Balers; Haybines; Mowers; Rakes; Conditioners; Pickers; Harvesters; Blowers; Flail Choppers; Wagons of all kinds; Spreaders; Plows; Disc Harrows; Packers; Harrows; Loaders; Planters; Drills; Blades; Post Diggers; Rotary Cutters; Sprayers; and usual run of equipt., tires and bal. of small items, etc.

ATTENTION FARMERS & DEALERS - Bring in your equip. for this final sale of the year. We thank everyone for their patronage over the year and also for concern shown during my recent illness. In order to take some pressure off during my recovery period we decided on a two day sale in December. **No equipt. with liens accepted unless we are notified in advance.** We are again booking sales for coming year.
Next Sale January 24 - 25, 1985
Open Daily 8 A.M. to 5 P.M., Saturday until 3 P.M. Closed Sundays
Terms: Cash or Good Check - Breakfast and Lunch at Sale.

RALPH W. HORST, Manager
License No. AU-000437L
Marion, Pa. 17235 Phone: 717-375-2824
Rentzel, Wolgemuth, Upperman, Bohrer, Speicher, Harry, Gossert, Auctioneers

SANFORD G. LEAMAN, REALTOR
AUCTIONEER
ESTATES • APPRAISALS • LIQUIDATIONS

PUBLIC AUCTION
OF MODERN LIKE NEW FARM EQUIPMENT

THURSDAY, DEC. 20, 1984
@ 10:00 A.M.

LOCATION: GREIDER ROAD, EAST DONEGAL TWP., LANCASTER CO., PA. Take Route 283 to Rheems exit & travel West toward Rheems cross Rt. 230 to Boslers Church Rd. to Greider Road and turn left to Auction.

JOHN DEERE 4440 Diesel w/cab, air, stereo fully equipt (1673 hrs.), J.D. 630 gas Tricycle, J.D. 1530 Diesel only 25 hrs since major overhaul, J.D. #145 Loader, J.D. #336 Baler w/thrower, J.D. 11 tooth Mulch-Tiller (Chisel Plow) w/tandem swivel wheels, J.D. #F 950 16' Culti-Mulcher, J.D. 1240 4 row corn planter w/insecticide applicator, J.D. #70 Tank Spreader w/hyd. lid, J.D. #680 600 bu. Tandem Spreader w/hyd. tailgate, J.D. #27 16' Stalk Shreader, J.D. #3800 Harvester w/2 row wide corn head & Windrow head, J.D. #66 Blower, 2-J.D. 3 Beater Forage Wagons w/roofs, 2-6 ton running gear bale wagons w/sides, 1 hayrack feed wagon, J.D. 5' Bush Hog, New Holland #469 Haybine, New Idea 50' Ear Corn Elevator, 40' Bale Elevator, New Holland #256 Sidedelivery Rake, 200 AMP. PTO Generator; Farmall Cub w/Plow & Culti., 2-1800 bu. heavy gauge corn cribs, 8 SURGE mini-cup Milker units, 100 Plus Vac. Pump, 250' SURGE 2" Stainless Steel Pipeline w/washer, 600 Gal. GURTON bulk milk tank, 1 ton 8-24-10 Corn Starter, 2-12' steel troughs, 2-300 gal. gas tanks w/hand pumps, 10,000 Tobacco lathe, and some small farm related items.
AUCTIONEER'S NOTE!!!!! There aren't very many small items for sale, so come at the very beginning as we will sell major equipment early in the Sale. All equipment is like new and some is used very little.

Sale by:
C. KENNETH & SUZANNE C. YOUNG

SANFORD G. LEAMAN AUCTIONEER
Lic. # AU-00532-L
(717) 569-4264
DARRELL VAN ORMER ATTORNEY

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Dairy Farm Equipment

Leading the Way With Efficient, High-Performance Products!

The HiPerForm Milk Cooling System
Mueller Fre-Heaters
The Refrigerated Receiver

USED TANKS

1500 Mueller OH	1250 Milk Keeper
1250 Mueller OH	500 Gallon Milk Keeper
2450 Girton D5	375 Gallon Milk Keeper
400 Gallon Girton D4	750 Sunset

MARTIN'S REFRIGERATION SERVICE

REAL

1122 Woodstock Rd.,
Fayetteville, Pa. 17222

Phone (717) 352-2783
Sales & Service

Sale Reports

A Public Sale of farm machinery and household goods was held December 1 by S. Earl Blank and Florence E. Blank, 1 mile west of Christiana, Lancaster County, Pa. on William Run Road. A nice-sized crowd attended the sale.

Some prices were: 6 pressed back chairs $37.50 each, iron kettle $70, copper kettle $110, sausage stuffer $60, butcher bench $30, Grimm 7' tedder $800, corn stalk shredder $400, N.H. baler $725, J.D. grain drill $510, N.H. 7' haybine $1175 and Farmall H tractor $930.

The auctioneer was Leon Kurtz.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

DECEMBER

SAT. DEC. 8 - 11 AM Public Auction for a local estate and others at the St. Dennis Center, Rt. 213, Galena, MD. Harry Rudnick & Sons, Inc., Auctioneers.

SAT. DEC. 8 - 10 AM Public Auction of Farm Equip. & Household. Location: Going from Kenton, DE, to Sudlersville, MD, turn right at Downes Chapel on Rt. 95. Take 1st road to right Rd. 140. 1st farm on left. Paul & Virginia Leager, Sr., Owners. C. T. Scuse & Sons, Auctioneers.

SAT. DEC. 8 - Inventory Reduction Auction for Pagano Tractor & Implement, Inc., Rt. 20, Sheridan, NY. (From Buffalo area or Eastern NY. Exit 58 off NYS Thruway, Rt. 20 West 8 miles; from Western areas Exit 59 head 20 East 4½ miles). Goodrich Auction Service, Inc.

SAT. DEC. 8 - 10 AM Public Auction of Farm Equipment. LOCATED: Thawley Rd., approx. 2 miles off Rt. 404 between Denton, MD, and Hillsboro, MD. Mrs. Charles Deford, Owner. A. Curtis Andrew Auction, Inc., Auctioneers.

SAT. DEC. 8 - 9:30 AM Construction Equipment & Building Material Auction of hydraulic hoes, dozers, trucks, air comp., wheel loaders. Located: C & C Construction Co. Yard, Rt. 22, Wingdale, Dutches Co., NY. D. Luther, David D. Luther, CAI Auctioneers.

SAT. DEC. 8 - Public Auction of Farm Equipment, Dairy Heifers and Household Goods. Located at RD 1 Womelsdorf, Pa. Berks County, Pa Sale for Willard B. and Grace L. Stauffer. Auction conducted by Paul E. Martin and John D. Stauffer, Auctioneers.

SAT. DEC. 8 - 9 AM Public Auction of Antiques, Household Goods, Tools, Car & Tractors. Located at 514 West View Dr., Akron, PA. Take Rt. 272 to Main St. west to 6th St. Harry F. Adams, Owner. T. Glenn & Timothy G. Horst, Auctioneers.

SAT DEC. 8 - 10 AM Public Sale of Real Esatate & Personal Property. Located along Silver Spring Rd., 2 miles south of Buck (Rt. 272), turn west at Longs Exxon Station, travel West about 2 miles, adjacent to Muddy Run Project, Drumore Twp., Lanc. Co., PA. Sale by: Estella K. Huss. Harry B. Yost & Kersey A. Bradley, Auctioneers.

SAT. DEC. 8 - 9:30 AM Public Auction of Farm Equip., Riding Horses & Equip., Household Items, Hay & Straw. Located York Co., PA. Off Rt. 30 at Mt. Zion Rd., go south on Rt. 24 to 1st rd. on left, Williams Rd., pass York Co. Jail to 1st farm on left. Estate of Alverta Heindel. Blaine N Rentzel, Auctioneer.

MON. DEC. 10 - 11 AM Public Auction of Farm Equip. on the farm located just off Rt. 14 (Del.) Take Rt. 297 North to Rt. 296, ½ mile to farm. The farm is halfway between Denton, MD, and Harrington, DE. (From Denton (Rt. 313) take Rt. 317 to DE Rt. 14) From Harringotn Rt. 13 take Rt. 14 West to 297, turn right and then left on 296). Harry Ronald & Eunice W. Collison, Owners. Harry Rudnick & Sons, Inc., Auctioneers.

MON. DEC. 10 - 10 AM Sod Farm Auction: Irrigation Eq., Tractors, Trucks, Sod Cutters, Motor Graders. North Brandywine Turf Farms. DIRECTIONS: Honey Brook, Chester Co, PA From Rt. 30 (Downingtown) take Rt. 322 west to Rt. 10 (Honey Brook) turn left (south). Travel 1 mile, turn right on Cambridge Rd. Ordered by: Duaine & Doris Houck. J. M. Boswell's Auction Marketing Associates, Auctioneers.

WED. DEC. 12 - 10 AM Public Auction of Int. Harv., Truck Tractors, & Trailers. LOCATED: The Former Mandata Poultry Co., Rt. 225, Herndon, PA. (35 mi. north of Harrisburg). By Order of U.S. Bankruptcy Court. Col. Steve Sitar, Auctioneer.

THURS. DEC. 13, FRI. DEC. 14 -9 AM Each Day. Public Auction of Farm Equipment. Located at Horsts Machinery Lot, 6 miles south of Chambersburg, PA, 1 mile east of Marion, PA, just east off Rte 81 at Marion Exit, Rt. 914 Ralph Horst, Manager.

THURS. DEC. 13 - 2 PM Public Sale of 35 acre farm. Located NE of Martindale along Centerville Rd. Earl Twp., Lanc., Co., PA. By John M. & Anna Mary Sauder. LeRoy S. Horst, Auctioneer.

FRI. DEC. 14 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale. Located at the Carlisle Livestock Market, Inc.

FRI. DEC. 14 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge. Ira Stoltzfus & Son, Auctioneers.

FRI. DEC. 14 - 11:30 AM. Glen-Bet Complete milking herd and bred heifer dispersal, bulk tank & pipeline. 5 miles north of Bloomsburg, PA, Columbia Co. Owners, Glen & Betty Bowman. Fraley Auction Co Dale Hoover Pedigrees.

FRI. DEC. 14 - 11 AM Public Auction of Modern Farm Equip.; Silage; Hay; Straw; Trucks. Between Harrisburg & Allentown, get off I-78 at (Exit 3-Bethel) travel South on Rt. 501 thru the Village of Bethel approx. 3 mi. to the Lebanon Valley Menonite Church, turn East onto dirt lane to farm. Berks Co., PA. Ordered by Harold & Irene Dietrich. Ralph W. Zettlemoyer Auction Co. Inc.

FRI. DEC. 14 - 6 PM. Located along Rt. 23 in Leola at The War Memorial Building. New toys, dolls, tools and furniture. For your Christmas shopping needs Terms Metr Cremo. Robert E. & Jeffrey R. Martin, Auctioneers. 717-656-7770.

FRI. DEC. 14 - 1 PM Feeser's 33rd Production Sale. 40 Boars-Hamps. & Yorks., 20 XBred Bred Gilts, 60 Open Gilts-Hamps & Yorks & Cross. Franklin and Julie Feeser, Owners. Located on their farm at Taneytown, MD. 301-751-1287. Harry Bachman, Auctioneer.

FRI DEC 14 - 9:30 AM Complete Dispersal Sale 79 Head of Holstein Dairy Cattle, Dairy Equip. & Feed. Located 7 miles south of Frederick, MD, off Rt. 340 on Rt. 180 to Ballinger Creek Rd., right on Cap Stine Rd. 1st farm on right or 7 miles south of Frederick, MD, on Rt 15, east on Mountville Rd. to Howard Stup Rd., left to Cap Stine Rd., right to 1st farm on left. Mr. & Mrs. Gary M. Biser, Owners Robert C. Mullendore, Auctioneer.

FRI DEC. 14 - 11 AM Broad Meadow Farm Complete Dispersal 170 head Hi-Grade Holsteins, Machinery, Barn Equipment, Produce. Dolgeville, NY. Located 2 mi. northeast of Dolgeville, 10 mi. northeast of Little Falls on Hopson Rd., take Exit 29A off the NYS Thruway. Richard Carpenter and the Estate of William Hopson, Owners. William Kent, Inc., Auctioneers.

FRI. DEC. 14 - 7:30 PM Special Holstein Dairy Sale. 1 Load Cattle, Dairy Cows, Heifers and Registered Bull Out of New England States. To be held at Smoketown Quality Dairy Sales Co., Rt. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Smoketown, PA. Sale by Smoketown Quality Dairy Sales, Inc Carl Diller & Paul Snyder, Auctioneers.

SAT. DEC. 15 - Public Auction of a 95 Acre Limestone Farm. Located 1 mile south of Richland Paul Z. & Eva B. Martin, Owners. Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. DEC. 15 - 12 PM Public Auction of Lawn and Garden, Tractors and equipment. Located: 322 East of Ephrata to traffic light in village of Hinkletown. Turn left to Martindale, turn left on Gristmill Road. Lawn Care of PA. Daniel Z. Martin & Son, Owners. Kline & Kreider, Auctioneers.

BROAD MEADOW FARM
COMPLETE DISPERSAL
to Settle the Estate of William Hopson
FRIDAY, DECEMBER 15, 1984
at 11:00 A.M.
Dolgeville, NY. Located 2 mi. northeast of Dolgeville, 10 mi. northeast of Little Falls on Hopson Rd., take Exit 29A off the NYS Thruway.

CATTLE
170 Head Hi-Grade Holsteins

80 Cows, 25 bred heifers, the balance open heifers and calves. October 1984 DHIA-OS Average: 82.8 16,337 3.5 564. This is a top dairy of freestall trained cows with approx. 60% of the herd first and second calf heifers. Several cows sell with projection to over 20,000 lbs. milk and several cows sell milking 80 to 100 lbs. per day. Cattle are sired by and bred to top Eastern A-I bulls and will be examined for pregnancy by a veterinarian and will have shipping fever shots prior to the sale. Heifers are all A-I bred and are well grown and ready to go to work. Don't miss this sale if you need more milk.

MACHINERY
White 2-105 diesel tractor w/20.8 x 38 rubber and 1097 hrs.; Ford 5600 diesel w/16.9 x 34 rubber and 807 hrs.; INT 674 diesel tractor w/2300 hrs. & Work-Master 880 loader w/bucket & bale forks; INT B-275 diesel tractor; INT #241 big round baler; Gehl 750 chopper w/2-row corn & hay head; Hesston 1091 haybine; INT 990 haybine; NH 256 rake; MF 116 self-unloading wagon w/tandem gear, roof & 3 beaters; Dion 16' unloading wagon w/3-beaters & roof; INT 105 unloading wagon w/3-beaters & NH gear; Kasten unloading wagon; Fahr KH40 centipede tedder; NH 28 Whirl-O-Feed blower; AC short-hopper blower; Ford #151 5-btm auto-reset plow; INT 470 18' wing disc; JD 12' drag; 10' roller; 10' cultipacker; JD 4-row no-till plateless planter w/dry fert.; McCormick 13-disc drill; Martin tandem-whl liquid manure spreader; Martin Equalizer manure loader; NH 346 tank spreader; stone picker; 30' hay elevator; 200-gal. fiberglass sprayer; 1956 Ford truck w/10' deck; 6' snowblower; home-made cattle trailer; Pincor 25KW generator; NH 512 spreader (needs work); NH 3-pt. mower; Arps half-tracks; 3-pt. 2-row cultivator; 3-pt. big bale forks; 2-whl. trailer; sml. quantity misc. items.

BARN EQUIPMENT
Uebler electric mixer cart w/elec. scale; Uebler gas feeder cart; some misc. items.

PRODUCE
Approx. 1500 square bales 1st-cutting mixed hay; 100 big round bales 1st-cutting mixed hay; 50' 2nd & 3rd cutting haylege in a 20' x 60' silo; 15' haylege in 18' x 50' silo; 35' corn silage in a 24' x 50' silo; 35' corn silage in a 14' x 40' silo.

TERMS: Cash or good check with ID day of Sale nothing to be removed until settled for.

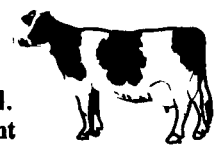
William Kent, Inc.
Sale Manager & Auctioneers
Stafford, NY Ph. 716-343-5449
716-548-7738

Owners
RICHARD CARPENTER and the Estate of **WILLIAM HOPSON**
Ph. 315-429-9345
315-429-9353

PUBLIC AUCTION
GLEN-BET COMPLETE DAIRY HERD DISPERSAL
125 HOLSTEIN DAIRY CATTLE, DAIRY EQUIPMENT, ETC.

(Due to Health Reasons - makes Sale necessary) Located on Farm 5 miles N. of Bloomsburg, Pa., 3½ miles W. of Orangeville, 8 miles SE of Millville in Village of Millertown. Watch for Auction Arrows off Millville - Buckhorn Rt. 42 Highway at Clair Hock Construction (Columbia County).

FRIDAY, DEC. 14, 1984
Starting 11:00 A.M.
With Dairy Equipment



125 HOLSTEIN DAIRY CATTLE 125
13 Registered 112 Hi-Grades

Herd consist of 75 milking age including 33 1st & 2nd Calf 11 Fresh Sept Oct Nov 13 Due Dec & Jan 9 Due Feb Bal in Various Stages of Lactation 15 Bred Heifers from Springers to Short Bred 35 Open Heifers from Calfhood to Yearlings Individual D I H A Records up to 25 414M 904F

8 84 D H I A R H A 74 5 cows
15 578M 3 4% 537F 3 3 protein
1 84 D H I A R H A 73 9 cows
16 126M 3 3% 525F 3 3 protein

Sample of the Kind That Sells
Rosline Reg w/Records to 22 233M 918F 2nd Dam 4 1% 3rd Dam Kingpin 4th Dam 18 500 lb Pabst Rambler Walker Sells w/Betty Chief Dau 2 Records over 20 000M Yearling Grand Dau Tamlane Rosline sells w/3 yr old milking Mark A 2 yr old Just Fresh Tamlane and Yearling Wizard
Gloria Reg Job w/Records to 24 069M 655F from Transmitter Dam 2nd Dam Gent Sells w/her 5/83 Grenadier
Debbie Reg Rosemere Fury Ivan 4 10 20 765M 3 8% 794F from Merry King Dam Due 1 1 85 to C J Chief Executive
Joy Reg Sired by Astronaut Son w/4 09 20 761M 637F from 20 000 lb Dam
Abby Grace Millie Astronaut 256Da 19 174M 3 6% 687F Due 2 27 85 Sells w/her 17 000 lb Elevation Daughter bred to Board Chairman

80% Calfhood Vacc — 75% Home Raised
30 Day Health Charts — D H I A Records
Preg Checked — Innoculated for Colds
Catalogs at Ringside

Also Selling
Girton D-2 800 gal Bulk Tank w/Compressor & Washer Delaval Pipeline (App 85) for 8 Stalls w/4 DV300 Milker Units Auto Washer Dbl Sinks Ready to Go Delaval Vacuum Pump Etc
Auct Note If not for Mr Bowman's ill health this Dairy would not be for sale Plan to attend for some Good dairy replacements Adapted for either Free Stall or Stanchion Barns

TERMS: Cash or Good Check Day of Sale. Out of State Checks must have bank letter of credit guaranteeing funds.

Owners
GLEN & BETTY BOWMAN
Pedigrees
Dale Hoover
Lebanon, Pa.

Conducted By
FRALEY AUCTION CO.
LICENSED & BONDED
Auct Lic No AU-001194-L
R.D. 1, Muncy, Pa. 17756
(717) 546-6907
Experience Doesn't Cost You - It Pays!
SALE UNDER HEATED TENT

FARMERSVILLE AUCTION
In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.
NO SALE TUES., DEC. 11
WE SELL ON COMMISSION
Call **JOHN J. RUTT**
354-5095
* Special Antique Sale
on Sat., Dec. 8 9:00 A.M.
Consignments being accepted for our New Year's Day Antique Sale

FARM MACHINERY AUCTION
LUTHER

By order of owners, we have been authorized to dispose of farm machinery. Auction to be held at New York State Rt. 9H & 66 Intersections, 3 miles East of Hudson, New York.

THURSDAY, DEC. 20, 1984
10:30 A.M.
Rain or Shine

TRACTORS, SKID LOADER, STOCK TRAILER, MIXER GRINDER, CATTLE TRUCK.

1937 Mack Fire Truck, good condition.

Partial Listing: MF 1105 Diesel; IH 500 Diesel Dozer w/4 in 1 blade, 1,000 hrs.; JD 4020 Diesel; JD 2010 Gas; Oliver 1755 Diesel; Ford CL40 Skid Loader; AC 7000 Diesel; MF 85 Diesel, Ford Jubilee Gas; Ford Major Diesel; Ford 8N; Oliver OC3 Crawler, AC 190 Gas; 8 HP Wheel Horse; 1968 Ford C700, 20' Stock Body; 5 sp OD, 2 sp. rear; new condition, Archway 450 Grinder Mixer; nearly new 24' Valley Trails Gooseneck Trailer; new Dettson 8 ton tandem dump trailer; JD 7000 plateless planter; FH 3 pt. rake, like new; 5' Bush Hog; Grimm Super 16 Hay Tedder; Kewanee 170 Disc, 13½' new condition; Hawk Built Rd. Baler, new condition; 3 pt. Scraper Blade; Brillion 16' Fold Up Harrow; Hesston PT 10; NH 489 Haybine; NI & IH Forage Wagons; JD 54 & JD 40 Manure Spreaders; Trailer Mounted Sand Blaster; Air Compressor; many other items too numerous to mention.

SPECIAL ADDITION: by Local Fire Co. 1937 Mack Fire Truck w/20,000 miles, runs good, good pump, good rubber.

Terms of Sale: Cash. Checks accepted only w/bank letter.

D. Luther, Auctioneer
Amenia, NY
914-373-9900
373-8215
Los 373-8045

AUCTION SALE

OF FARM MACHINERY & FARM RELATED ITEMS

SATURDAY, DEC. 15, 1984

11:00 a.m.

LOCATION: Pop's Market, Rt. 50 at Trappe, Md.

EARLY LISTINGS

COMBINES: IH 715 combine, 4 row wide, year round cutter bar, AC C-2 combine, 3 row narrow, 13 rigid cutter bar.

TRACTORS: IH 4586, IH 1086, IH 660 diesel, IH 560 diesel, John Deere 2010 gas, John Deere B, Super 77 Oliver, 8N Ford, 9N Ford, Farmall A with cultivators, Farmall Cub with cultivators and fertilize attachment.

IMPLEMENTS: 5 btm. 16" semi-mounted plows, 2 sets 3 pt. hitch 2 btm. plows, pull disc, 3 pt. hitch boom, 3 pt. hitch scrape, 2 springtooths, 8' cultipacker, funnel body wagon, 30' Brillion crowsfoot folding cultipacker, John Deere drill, John Deere manure spreader.

TRAILERS: 40' Great Dane reefer, 40' van trailer.

TRUCKS: 1978 Ford F-150 pickup, 6 cyl., 4 spd. overdrive, 1976 Ford cube van, 12' body, bad motor (351).

CONSTRUCTION EQUIP.: Drott 30 Hydraulic excavator, 2 buckets.

MISC.: Locust fence posts, lots of wire fence, chain saws, 6' pickup cap, 8' pickup cap.

This is only a partial listing. For further information call Melvin at 301-476-3900 (day) or 301-476-3767 (night).

TERMS OF SALE—Cash or check day of sale—Out of state checks must have a letter of credit.

J. MELVIN SCHWANINGER
Auctioneer
LUNCH SERVED

PUBLIC AUCTION

Discontinuing farm, the undersigned will sell, located 4 miles south of Emmitsburg, Md. off Route 15 on Old Frederick Road (14544)

SATURDAY, DEC. 15, 1984

at 10:00 A.M.

FIVE TRACTORS & MACHINERY

Int. 1066 diesel tractor of dual wheels, windbreak cab, W.F., P.S.; Massey Ferguson 1100 diesel tractor w/ W.F. & P.S.; Massey Ferguson 1080 diesel tractor w/W.F. & P.S.; Oliver Super 88 tractor; Int. cub LoBoy w/belly mower, needs wiring; 5 ft. sickle bar mower for same. M.F. 16 lawn tractor for parts; Int. 4150 diesel skid loader; Allis Chalmers 6 row (600) air champ planter w/200 gal. liquid tank & monitor; Int. 55 13 ft. chisel plow; Int. 490 21 ft. foldup transport disc; Chattanogga 10 ft. cultipacker; Massey Ferguson 43 22/7 grain drill; M.F. 260 forage harvestor, needs work; 2 row snapper head, used very little; 2 row adjustable corn head; pickup head; 3 Badger silage wagons; J.D. 707 rotary mower (13 ft.); N.H. 1469 Self-Propelled haybine; M.F. 124 baler w/thrower; two 7 ton Grove flat bed wagons; Little Giant 42 ft. elevator; Kingwise 26 ft. elevator; M.F. 255 rototiller; Killbros gravity wagon; Farmec 181 gravity box; Century 500 gal. field sprayer w/47 ft. booms; Shaver post driver; Harvestor 55K 3 phase alternator; Rhino 3 pt. 8 ft. scraper blade; another 7 ft. blade; N.H. 371 250 bu. tank spreader w/tandem axle; M.F. 54 blower; Schuler 120 feeder cart, needs repair; 2 Hawkbilt tank spreaders for parts; Badger 1000 RPM 10 ft. manure pump; Badger 540 RPM 12 ft. manure pump, needs repair; Swartz loader, needs work; Harvestor 3000 gal. liquid spreader for parts; Lely 3 pt. seeder; Harvestor 210 40 ft. belt conveyor; 1000 gal. fuel tank w/elec. pump; tilting hoof trimming table; Frye crowd gate w/track; Badger 1400 gal. liquid manure spreader.

Oswald-Butler 1830 stationery silage mixer; Butler 9 ton metal feed bin w/motor & auger; 3 ton metal feed storage tank; Magnet feeder parts; 2 Rotec 2250 gal. liquid fertilizer poly storage tanks; Dari Kool 170 gal. prewater heater; Dayton AC/DC welder; 20 ton metal press; 10 wooden calf hutches; 6 wooden bunkers; barn & shop tools; assorted elec. motors and other useful articles.

TERMS: Cash - Not responsible for accidents.

BOB EL FARMS
14544 Old Frederick Road
Rocky Ridge, Md. 21778
Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz
Lunch Rights Reserved

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT. DEC. 15 - 2 PM Public Auction of 108 Acre Farm. Located on Rt. 222 South thru Wakefield, 2 miles south of Wakefield. Turn left on Little Britain Rd. Turn right on Cedar Hill Rd., Fulton Twp., Lanc. Co., PA. Robert F. & Elise M. Abbato, Owners. Robert E., Jeffery R. Martin & Frank L. Steller, Aucitoneers.

SAT. DEC. 15 - 2 PM Public Sale of valuable 108 acre farm, more or less. LocationTake Rt. 222 South through Wakefield, 2 miles South of Wakefield turn left on Little Britain Rd., turn right on Cedar Hill Rd., Fulton Twp., Lanc. Co., PA. Terms by: Robert F. & Elise M. Abbato. Robert E. & Jeffrey R. Martin.

SAT. DEC. 15 - 11 AM Public Auction of 15 acre Farmette, Farm Eq., and some Household Goods. Located in East Cocalico Twp., Lanc. Co. Approx. ½ mi. south of Reinholds, PA, along Rt. 897. Terms by Charles W. & Mary G. Gerhart. Arlin R. Weik, Auctioneer.

SAT. DEC. 15 - 11 AM Farm Machinery Auction. To be held at DeLaVergne Hill Farm, 1 mile west of Rt. 22 and 44 intersection of Rt. 44, Amenia, NY. Sale by Order of David C. Allen. D. Luther, Auctioneer.

SAT. DEC. 15 - 12 Noon Farm Eq., panel truck, antique cars, antiques, and household goods. Located: Village of New Danville. Harry Brenneman, Owner. Nevin Martin and Lewis Groff, Auctioneers.

SAT. DEC. 15 - 10 AM Public Auction of 5 Tractors and Machinery. LOCATED 4 miles south of Emmetsburg, MD, off Rt. 15 on Old Frederick Road (14544), Rocky Ridge, MD. Bob El Farms, Owner. Robert C. Mullendore, Aucitoneer.

TUES. DEC. 18 - 10:30 AM Annual Harper Implement Co. Sale of various types of farm equipment. To be held 2 blocks south of the traffic signal light and then 2 blocks west of State Road 13 in Swayzee, IN. Harper Implement Co., Inc., Owners. Rex D. and Denzil Schrader, Schrader Real Estate and Auction Co.

TUES. DEC. 18 - 4 PM Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster Co., PA.

THURS. DEC. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt. 550 in Frederick Co.

SAT. DEC. 22 - 10 AM Farm Equip. & Dairy Cattle. LOCATION: Along R. 897, 6 miles north of Rt. 272-897 Junction, 1 mile north side of Blainsport. 8 miles south of Schaefferstown, Lanc. Co., PA. Lamar W. & Eileen Garman Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. DEC. 22 - 8:30 AM Public Auction of Antiques, Butchering Tools, Household Goods & Farming Tools. Located: Stewartstown Fire Hall, Rt 24 North of Stewartstown, PA. John E. Orwig & Luther W. Orwig, P.O.A. Bob & Tom Sechrist, Auctioneers.

SAT. DEC. 22 - 9:30 AM Public Sale of Farm Machinery & Household Goods. LOCATION: Cumberland Co., PA. Midway between Carlisle and Shippensburg. Traveling Rt. 11 to Stoughstown turn on to Spring Rd., turn left on to Springfield Rd. Sale by: Isaac & Mable Martin. Melvin & Lamar Sensenig, Auctioneers.

SAT. DEC. 29 - 1 PM Public Sale of Real Estate. Steer, Hog, or Horse Farm. LOCATIONN: Franklin Co., PA. From Shippensburg take Rt. 533 west to Orrstown, follow Rt. 433 south approx. 1 mile to sale. Terms by: Christ & Delores Gettel. Melvin & Lamar Sensenig, Auctioneers.

MON. DEC. 31 - 12 Noon. Public Auction of the Bailey-View Holstein Dispersal. Located in Ulysses Boro, Potter Co., PA. Watch for arrows on Main St. Rt. 49. Jerry Pirrung Sales, Ulysses, PA. 814-848-7421, Auctioneers.

GAP AUCTION

FRIDAY EVE., DEC. 14

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS
SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SONS, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC AUCTION

MODERN FARM EQUIPMENT; SILAGE HAY; STRAW; TRUCKS

FRIDAY, DEC. 14, 1984

at 11 A.M.

Between Harrisburg & Allentown, get off I-78 at (Exit 3-Bethel) travel South on Rt. 501 thru the Village of Bethel approx. 3 mi. to the Lebanon Valley Mennonite Church, turn East onto dirt lane to farm, Berks Co., Pa.

EQUIPMENT

MF 1155-V8 diesel w/cab; MF 1130 diesel; MF 180 diesel; Gehl 4400 skid str loader; MF 300 combine w/cab, 10' grain head & 3-30" c head; Int. 55-10' trailer chisel pl; MF 9' offset transport disc; Dunham 13' transport cultimulcher; 3 pt 10' nine tooth pasture renovator; 10' earth mover leveler; 3 pt one tooth subsoiler; 3 pt rear ground scoop; MF#33-17 disc grain drill w/fert & grass seed attach; AC 6-30" no till air planter w/monitor; 12' flex pasture harrow; Clay 2250 gal Honey wagon w/applicator; Anhydrous 3 pt three tooth applicator; Hesston #1014-12' Swinger mower conditioner; Hesston 3 pt stack mower; 3 pt bale mover; MF 124 baler w/new #212 hyd thrower & Gandy applicator; 2-4 wheel bale side wagons; 3 pt four wheel rake; Little Giant 36' bale & c elev; Gehl 1200 forage harvester w/2-30" c head, & windrow pick up; 3-Gehl three beater forage wagons, two have tandem axle running gears; Gehl 99 PTO hopper silage blower; MC rotary scythe; Gehl 250 two beater PTO manure spreader w/hyd end gate; Sahlstrom PTO liq. manure pump; MF 7' 3 pt mower; NH 33 flail chopper; 2 gravity bins one w/running gear; 300 gal fiber glass trailer type weed sprayer; Liliston 3 pt four r rolling cultivator; 3 pt post hole digger; Shaver 3 pt post driver; 3 pt cement mixer; 2 metal cattle head gates; cattle gates; portable hay rack; tub feeders; 3 Smidley hogs feeders; 2 bin aireator fans; Tox-O-Wix cattle oiler; auto indus type sew machine for paper bags; Lincoln 225 AMP elec. welder; Acetylene outfit (no tanks).

HAY; STRAW; SILAGE

300 tons mixed grass type hay; 25 tons straw; 150 tons corn silage.

TRUCKS

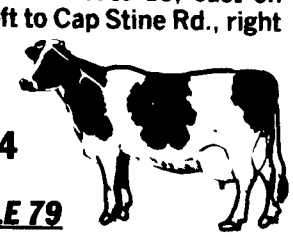
1977 Chev C-20 ¾ ton pickup; 1967 Chev C-50 truck w/12' steel body.

Terms-Cash or Acceptable Check

Ordered by
HAROLD & IRENE DIETRICH
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L
Refreshments Available

COMPLETE DISPERSAL SALE

Located 7 miles south of Frederick, Md. off Route 340 on Route 180 to Ballenger Creek Rd., right on Cap Stine Road, 1st farm on right or 7 miles south of Frederick, Md. on Route 15, east on Mountville Road to Howard Stup Road, left to Cap Stine Rd., right to 1st farm on left.



FRIDAY, DECEMBER 14, 1984

at 9:30 A.M.

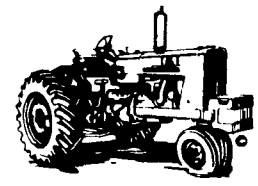
79 HEAD OF HOLSTEIN DAIRY CATTLE 79

Consisting of 52 milking of which 21 have freshened in past 60 days, 11 dry cows due in Dec., Jan. & Feb. 7 breeding age heifers, 1 bred heifer & 7 started heifer calves. Good service sire also selling. This is a mostly young herd with good size & quality. Bang & T.B. tested within 30 days of sale & pregnancy examined by vet. Cattle sale held in tent w/loading chute available.

DAIRY EQUIPMENT & FEED

Girton 500 gal. bulk tank; girton automatic milk tank washer w/motor; 5 HP compressor; 5 DeLaval milking units for pipeline w/new style claws; 80 gal. elec. hot water heater; 4 milk meters; feed cart; heifer trainers; 2 Jetsweet high pressure pumps; 185 ft. high pressure hose.

Approx. 2000 bales of 2/3/4 cutting alfalfa hay - no rain.
Approx. 1500 bales of timothy-clover mixed hay.
Approx. 300 bales of alfalfa - got rain.
Approx. 600 bales of wheat straw.
Approx. 1600 tons of corn silage in 2 trenchs.
All feed to be sold by bulk & paid for sale day.



FIVE TRACTORS AND MACHINERY

Farmall 450 tractor, fast hitch; Int. 330 utility tractor, W.F., 2 pt., rear weights; Int. 544 utility tractor, W.F., 3 pt., good rubber, to be offered w/Int. 2000 loader & offered seperately; Allis Chalmers WD tractor selling w/N.I. loader; Farmall Super C tractor, fast hitch, rear cult. for same; Int. fast hitch 7 ft. sickle bar mower; A.C. 4/16 automatic reset plow, semi mounted & selling w/extra bottom; Int. 311 3/14 trip back 2 pt. plow; AC 7 shank chisel plow; fast hitch subsoiler; Int. 350 transport disc; Int. 12 ft. spring tooth harrow; Dunham single cultipacker; New Holland 518 manure spreader; single beater w/hydraulic rear gate; Int. 455 four row corn planter w/fertilizer boxes; New Holland 782 field chopper; 1000 R.P.M., elec. spout movers, 2 row adjustable corn head, all in excellent condition; N.H. 770 W pickup head, like new; Grove 16 ft. silage wagon; Gehl silage wagon on 8 ton chassis; Papec hopper blower; 3 ft. pipe & snout; Federal 20 ft. metal forage feeding wagon; McD. 13/7 grain drill; Int. 990 haybine; N.H. 55 hay rake; N.H. 271 baler w/thrower; 3 good wagons w/hay sides; 1 older hay wagon; Mayrath 32 ft. elevator w/220 motor, 1 HP; two 18 ft. sections mow conveyor w/motor; 3 pt. bale carrier; Winpower 52.1 amp. portable generator; Hanson 150 gal. portable field sprayer w/pump & booms; front end attachment for sprayer barrel on tank; 110 gal. plastic tank; Arps 3 pt. 5 ft. scraper blade; Danhauser 2 pt. post hole digger selling w/mounted bracket; 2 wheel farm trailer; homemade wood spliter; 2 pt. to 3 pt. conversion; front weights; chains; 18.4x34 dual wheels & tires; Badger barn cleaner motor & gears; Papec blower for parts; 2 treated 16 ft. poles; metal gravity flow box; rubber tire wheel barrow; elec. fencers, fence stakes, barb wire, 10 & 16 ft. wooden hay racks; 12 ft. wooden bunk feeder; wooden & metal feed troughs; mineral feeder; barn tools.

Sale Order: Small items off wagon, tractors & machinery, feed, dairy equipment, cattle.

Terms: Cash - Not responsible for accidents.

MR. & MRS. GARY M. BISER

Auctioneer: Robert C. Mullendore
Clerk: C.L. Metz
Lunch Rights Reserved

Public Auction Register

JANUARY

TUES. JAN. 1 - 7:30 PM Public Auction of Weekly Sales. Located at the Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

TUES. JAN. 1 - 9 PM Antique Sale Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lanc. Co., PA.

THURS. JAN. 3 - 10 AM Public Auction. Complete Dispersal of 70 head of Holstein Dairy Cattle, & Milking Eq. LOCATED 3 miles West of Leesport. Turn off Rt. 61 at Leesport traffic light onto Wall Street for approx. 2 miles. Turn right at stop sign onto Grange Road approx. ½ mile and left at Ontelaunee Grange Hall onto White Oak Lane to sale. Charles Strause, Owner. Kenneth P. Leiby, Auctioneer.

FRI. JAN 4 - 10- AM Special Horse Sale (Work Horses-Mules-Driving Horses) at New Holland Sales Stables, Inc. 12 miles East of Lancaster, PA, just off Rt. 23, New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN 5 - 1 PM Public Auction 5 bedroom 2½ story house, 6 acres fruit trees, green house. Located: 8 miles West The Buck, PA, 2 miles south of Norman Wood Bridge on River Rd. from Rt. 372 go South on Slab Rd. to River Rd. turn right. Benjamin B. & Susie G. Glick, Owners. Steve Petersheim, Auctioneer.

PUBLIC SALE

OF FARM MACHINERY & HOUSEHOLD GOODS

SATURDAY, DECEMBER 22, 1984

9:30 A.M.

LOCATION: Cumberland Co., Pa. Midway between Carlisle and Shippensburg. Traveling Rt. 11 to Stoughstown turn on to Spring Rd., turn left onto Springfield Rd. Follow to sale. Approx. 2 miles from Rt. 11. Sale signs posted day of sale.

FARM MACHINERY

J.D. 60 row crop tractor, good cond.; Farmall Super M.T.A. tractor independent PTO; 8 ton bin wagon; 348 Oliver 3-16 plow with 3 pt. auto. reset; Brillion 8' seeder; J.D. 10'' Harrow; Gehl Hydro cat skid loader; 510 N.H. manure spreader; A.C. 600 4 row corn planter with liquid fertilizer; N.H. Super 78 baler; NI 305 mounted corn picker; flatbed wagon; Oliver Superior grain drill - 13 holes; Case stalk chopper; IH 3 pt. side mower; 8' Brillion cultimulcher; Oliver 3-16 pull plow; M.M. unipicker; Vicon wheel rake; 40' bale elevator with motor; 300 gal. fuel tank; 2 sets of steel wheels for tractor; set of steel wheels for skid loader; 20 KW alternator; 4 tractor rims - 28''; snow fence; fence posts & wire; A.C. fenders; 2 sets of Ford tractor weights; platform scale; hydraulic cylinders; electric motor; angle iron notcher; 1 hp air compressor; V.F.4 Wisconsin Engine; 7 hp. Britain Stratan; S.S. milk pail w/ lid; 6 milk cans, good cond.; Sauder manure loader with Ford attachments; 5'' 20' grain auger; 4'' 16' grain auger; fencers; 12' & 16' gates; 12'x14' overhead door (complete); many more small items not listed.

AG STAR 24' x 50' HOG CASTLE

16 Firing Crates and 4 Nursing Pens
To be offered at 1:00 P.M.
10% Down Day of Sale, Final Settlement in 30 Days

HOUSEHOLD GOODS

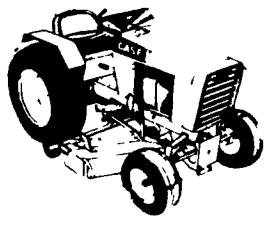
2 office desks; 30 gal. water heater; swing set; 2 sofas; wooden storage cupboard; crib for 6 yr. old; oil & gas space heater; platform rocker; ice cream freezer; crocks; Sears Kenmore dryer; Kerosun heater 22,000 BTU; bikes.

Auctioneers:
Melvin Sensenig 776-5054
Lamar Sensenig 532-9160
Lic. No. – AU-001803-L

Sale by:
ISAAC & MABLE MARTIN
R.D.1, Shippensburg, Pa.
Ph. 717-776-7542

Lunch Served Not Responsible for Accidents
I.D. Required

PUBLIC AUCTION



OF LAWN & GARDEN EQUIPMENT TRACTORS, SNOWMOBILES, MOWERS, TILLERS & MOPED

SAT., DECEMBER 15, 1984

AT 12:30 P.M.

Location – 322 East Of Ephrata To Traffic Light In Village Of Hinkletown. Turn Left To Martindale, Turn Left On Gristmill Road & Follow Auction Signs.

SNOWMOBILES

'83 Plaris 600 Indy. 3 Cy. Liquid Cooled; '80 Polaris TXL 340 Liquid Cooled; '77 Polaris Electric; '77 Rupp 440 Nitro, Liquid Cooled; '77 Pantera 500 Artic Cat; 440 Artic Cat Panther 440 Mercury; '76 Whirlwind Massey.

NEW GARELLI MOPED – 2 NEW DUMP CARTS

GOOD USED EQUIPMENT: 8 hp Troy Tiller w/New Engine; 8 hp Am Pro Tiller Demonstrator; 110 John Deere 10 hp w/Mower; 147 I.H. 14 hp HYDRA with Mower, Snow Blower & Snow Plow; 13 hp Roper, Like New w/Mower & Snow Blower; 12 hp Bolens w/Mower; 7 hp Ford w/Mower; 12 hp Massey Ferg. Variable Spd. w/Mower; 16 hp Grasshopper w/52'' Mower & Vacuum Unit; 424 Dixon w/42'' Cut 11 hp; 302 Dixon 8 hp w/30'' Cut; Simplicity 8 hp w/36'' Cut; Case Model 80, 8 hp Rider; Sears 32'' Electric Start, 7 hp Wheel Horse w/Mower; 5 hp Huffy & many others by Auction Date.

NOTE – This is a fine selection of lawn & garden equipment in good condition. Plan to attend early. No small items. Auction on equipment starting 12:30 p.m.

TERMS BY:
LAWN CARE OF PA.
DANIEL Z. MARTIN & SON
215-445-4541

Auction Conducted By
Randal V. Kline, Lloyd Kreider
Roy Good Jr., Auctioneers
717-733-1006
AU LIC. 000499-L

KLINE & KREIDER AUCTIONEERS

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon

Starting January 1st
Starting Time at 11:00 A.M.

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

PUBLIC AUCTION

95 ACRE LIMESTONE FARM

SAT., DECEMBER 15, 1984

AUCTION TIME: 2:00 P.M.

DIRECTIONS: Take Route 419 North from Schaefferstown to Millbach, at Millbach Mennonite School turn left, go approx. 1 mile to first road left, turn left to farm on right, 1 mile south of Richland, Millcreek Township, Lebanon Co., Pa.

2½ STORY FRAME DWELLING

containing eat-in kitchen with built-in cabinets; living room; dining room; family room w/wall to wall carpet on first floor. Second floor contains 5 bedrooms and bath. Cement basement; cold cellar; oil hot water baseboard heat; 2,000 gal. fuel tank; vinyl siding; storm doors & windows; well with system; mature shade;

STONE & FRAME BANK BARN

with 2 drive floors, 2 mows, ATTACHED FEED LOT FOR UP 150 STEERS, concrete bunk, concreted stable floor; LARGE CORN BARN with implement storage; tobacco shed for approx. 6 acres tobacco, large stripping room, dampening cellar; 3 car garage;

20x60 FT. STAR SOLID CONCRETE SILO

with unloader;

16x60 FT. LANCASTER STAVE SILO

with unloader; 10x50 ft. solid concrete silo.

All acreage tillable except that surrounding buildings; LOTS OF ROAD FRONTAGE.

Inspection at OPEN HOUSE: Saturday, Dec. 1st & 8th, from 12:00 noon to 3:00 p.m., or by appointment, call 717-866-2970. Balance of farm may be seen anytime.

TERMS: 10% Down Day of Auction, Balance in full April 1, 1985.

AMISH FAMILIES living within a few miles of this farm. If in need of assistance to obtain financing, or need transportation to inspect this property, call Paul E. Martin, Auctioneer, at 717-733-3511.

NOTE: This beautiful, well-kept farm is ready to go. The limestone soil is an extra plus you will want to consider. If you are looking for a farm, do attend this auction. All Herein information is believed to be accurate but is being used for advertising purposes only.

AUCTION BY:
PAUL Z. & EVA B. MARTIN
Henry Steiner, Attorney
Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA 717-665-5099

PUBLIC AUCTION

OF FARM EQUIPMENT

2 TRACTORS, CORN PLANTER, BALER, HORSE TRAILOR, ETC.

The undersigned, having put the farm up for sale, will sell the hereinafter equipment on the premises.

14601 WESTERN ROAD
SPARKS, MARYLAND 21152
(Follow arrows from I-83 & Shawan Road & Western Run Road)

ON FRIDAY, DEC. 14, 1984

at 10:30 A.M.

John Deere 4030 D, 80 H.P. Tractor with Console and Roll Guard with Roof; John Deere 4 Row No-Till Corn Planter w/Fertilizer & Insecticide Boxes; Huskee 8 Ton Heavy Duty Wagon Chassis with a Model 165 Gravity Bin; 36' Hay/Grain Elevator; John Deere 3 pt. Hitch 4x16 Plow; 10' Transport Disc; 10' Brillion Cultipac; Oliver 3 pt. Hitch 2 Row Corn Planter; Walsh Trailer Sprayer; New Holland 467 Haybine; New Holland Rolabar 256 Rake; New Holland Hayliner 276 Baler w/Supersweep Pickup & Bale Thrower; Grove 7x14 Hyd. Dump Wagon w/Bale Sides; N-I 3 pt. Hitch #106 P.T.O. Seeder or Fertilizer Spreader; Danuser F-8 Post Hole Digger; John Deere 3 pt. myd. wood Splitter; York 7' Scraper Blade #557; I-H #75 Manure Spreader; Ward P.T.O. Mill; LeRoi 4 Cylinder Aux. Engine; Gravely and Attachments; Franklin Stove; and Hartman 2 Horse Trailor, etc.

TERMS OF SALE: Cash or Check w/Letter of Credit

Owner,
RICHARD W. HENDERSON

MILTON J DANCE CO INC AUCTIONEERS
611 BOSLEY AVENUE TOWSON, MARYLAND 21204 301 823-3993

PUBLIC SALE

SATURDAY, JAN. 12, 1985

10:00 A.M.

FARM EQUIPMENT & CRAWLER LOADER

LOCATED: Along Rt. 124 - 8 mi. east of York, PA., off Rt. 83 at Exit 7, or 2 mi. west of East Prospect, Pa., York County.

Farmall 656 diesel, wide front, 3 pt. front & rear weights, 95% rubber, John Deere 420 tricycle w/power steering & 3 pt. hitch, 58% rubber, John Deere 1010 crawler loader & riper, (motor completely overhauled), New Holland 256 rake w/rubber mtd. teeth, New Holland 477 haybine, New Holland 328-2 beater PTO spreader, Ford 532 baler, 4 yrs. old, Brillion 10 ft. packer w/grass seeder attachment, J.D. F.B.B. drill 17 disk (fertilizer, seed box & grass box), 420 Int. 3X16 Trip Back plow 3 pt., Int. Transport disk 28 blade w/scrapers, Int. 4 row corn planter Model 56 w/dry fertilizer & disk openers, 9 ft. Brillion cultipacker, hay wagon, tandem axle farm trailer, 8 ft. Easy Flow lime spreader, BMB 5 ft. rotary mower - pull type, 3 pt. post hole digger 9'' auger, John Deere 78 - 7 ft. scraper blade, 3 pt. 2 row culti., 3 barrel trailer sprayer w/booms, potato plow, cement mixer, clover seeder, 3 section spring harrow, platform scales, portable cattle loading shute & head gate Mfg. by Fry Bros., electric fences, 40 ft. extension ladder, 3 pt. platform carrier, 4 hp. roto tiller, hydraulic cylinders, metal & wooden fence post, barb wire, electric wire, page fence, dehorner, castrater, 1½ ton chain hoist, 2 bar jacks, halters, stillard scales, cream separator, buck saw, shovels, forks, tow chain, Lincoln 225 welder, McCullah 12'' chain saw, & other misc. farm items.

AUCTIONEER'S NOTE: Many of these items were purchased new & well taken care of. Not many small items so please be on time, sale will be over early afternoon.

TERMS: CASH OR GOOD CHECK.
FULL SETTLEMENT SALE DAY.

JAMES CUNNINGHAM
RD. #12, York, Pa.
717-252-4373

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412
Pa. Auctioneer's Lic. #761.

Public Auction Register

FRI. JAN. 18 - 10 AM Special Horse Sale (Work Horses-Mules-Driving Horses) at New Holland Sales Stables, Inc., 12 miles East of Lancaster, PA, just off Rt. 23, New Holland, PA. Abe Diffenbach, Manager

SAT. JAN. 19 - 10:30 AM Public Sale of Farm Machinery located along Rt 322 in Gitthriesville nest to Croppers Farm Market, 9 miles East of Honey Brook, 3½ miles West of Downingtown, Chester Co., PA. Sale by David A. Laird; Frank and Paul Snyder, Auctioneers.

TUES. JAN. 22 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

FEBRUARY

FRI FEB. 1 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

THURS. FEB. 7 - Public Auction of a Holstein Herd and Horse Drawn Farm Machinery. Located 1½ miles NE of Oxford, Chester Co., PA. Daniel Riehl, Owner. Steve petersheim, Auctioneer.

FRI. FEB. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

Lamar W. & Eileen S. Garman
Complete Dispersal of
Farm Machinery & Dairy Cattle
AT

PUBLIC AUCTION

SATURDAY, DEC. 22, 1984
Auction Time: 10:00 A.M.
Dairy Cattle: 12:00 Noon
LOCATION: Along Route 897, 6 miles north of Route 272-897 Junction, 1 mile north side of Blainsport, 8 miles south of Schaefferstown, Lancaster County, Pa.

John Deere 4020

DIESEL with cab good condition, J D 336 Baler with Hydraulic Thrower, like new, J D F 125 4x16 Trip Plow J D F B 17 7 B Grain Drill, J D 1240 Plateless Cornplanter with Disk Openers & Applicators, J D #54 Spreader with Hydraulic Gate, J D 10 Cultimulcher, N H 489 9 HAYBINE N H #365 Tank Spreader with Hydraulic Lid, N H #56 Hay Rake 2 Gravity Bins on Gears, 24 Smoker Elevator with new Zimmerman Web, McCurdy Corn Drag, 2 18 ft Hay Wagons with racks 1 16 ft Hay Wagon with racks Flat Bed Wagon, Bush Hog 3 pt 5 ft Rotary Mower, Gehl Hopper Blower Grimm P T O Hay Tedder CASE 1800 3 pt 7 Tooth Chisel Plow Pittsburg 12 Disc Harrow on transport Bearcat 14 Sprocket Packer, 3 pt Bale Carrier Bale Giant Skeleton Elevator, WINCO 20 K W P T O Generator on wheels 2 Wheel Cattle Trailer 3 pt Barrel Weight, Tractor Cylinders

John Deere 112 Lawn Tractor

with 48 Mower Reddy Heater, WIC CHOPPER, 3 High Speed Circulating Fans, 2 Platform Scales 2 Feed Carts Wheelbarrows, GALLAGHER Power Fencer 2 Bull Dozers J D High Pressure Washer Huskee Power Mower, Clean Chute Funnel, Raytec Calf Cart, 9 Calf Hutches, 8 ft Pickup Cap, Echo Weedeater, 5 Speed Drill Press, Gates, Round Bale Feeder, Cow-culator, Barn Desks, Clippers, Mineral Feeder, Refrigerator, Baler Twine, Forks, Shovels, Brooms, Used 18 4 34 Tractor Tires,

- 5 TON EAR CORN • 8 TON ALFALFA HAY
- CORN SILAGE – 35 IN 20 SILO
- 10 TON REDS CANARY GRASS HAY
- ALFALFA HAYLAGE – 15' IN 14' SILO

Large Equipment Selling Soon after 10 00 A M
Selling at approx 12.00 Noon

85 Registered & Grade Holsteins

22 Registered 52 Identified Grades 11 Grades
52 Milking Age
8 Bred Heifers
6 Yearling Heifers
19 Heifers Under 1 year

Cert & Acc DHIA AM PM Pregnancy Checked
Tested for Interstate

1982 Herd Average	15,967	555
1983 Herd Average	16 352	564
1984 Herd Average	15,464	553

SIRES INCLUDE Very, Eric, Marvex, Columbus Gay, Mil Nor, Superior, Jade Reckers Ace
17 RECENTLY FRESH 6 DUE DEC JAN
7 DUE FEB MARCH 10 DUE APRIL MAY

FEATURES SELLING

SPRINGIVA MARVEX GRACE-TWIN –MARVEX DAU WITH AN EX TWIN SISTER 3 4 364 21,036 3 5 740 4 5 355 20,741 3 7 769 Bred October to Mello Var Gideon April 84 Reckers Ace dau also sells

GRADE #17 6 1 299 20,299 3 8 773 Lifetime 124,580 4463 Her Dau by Westmoreland Brigadier #11 3 0 310 19,863 3 3 650 Due January – Very dau selling also due January Dau by Keho Eric #5 4 1 300 18,558 3 7 686 Just fresh with an Apollo J heifer calf Has a Boots 2 yr old dau selling Dau by Shade Acres Abner Ideal fresh August

GRADE #44 3-11 300 20,133 3 2 640 4-11 305 20,064 3 4 677 Due Feb to Chicques View Elevation Belle Dau by Drovers Inn Super Blend #47 2 9 280 14,699 3 6 527 3 9 Fresh Aug projected 16,293 582 Bred to Stewart Also March 84 Mil Nor Dau

SERVICE SIRES Crescentmead Chief Stewart Knolltop Reckers Ace, Joludi Chief Elmer, Lime Valley Lucky Print

NOTE: If you are looking for an opportunity to improve or add to your dairy herd, or need good Farm Equipment, plant to attend this Auction!

AUCTION HELD IN TENT
CATALOGS AT RINGSIDE

Auction By
LAMAR W. & EILEEN S. GARMAN
Phone 215-267-4398

Dale L. Hoover, Pedigrees
Auction Conducted By J&P Auctions
Paul E. Martin, Auct., AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct., AU-001509-L
Lititz, Pa. 717-665-5099
Food at Auction

PUBLIC SALE

OF REAL ESTATE
SATURDAY, DEC. 29, 1984
1:00 P.M.
LOCATION: Franklin Co., Pa. – From Shippensburg take RT. 533 west to Orrstown, follow Rt. 433 south approx. 1 mile to sale.

STEER - HOG - OR HORSE FARM

REAL ESTATE CONSISTS OF:

94 Acres of slate land – 45 acres tillable, 20 acres woodland, balance in pasture with Rowe Stream flowing through; much road frontage.

36' x 50' Bank Barn with 3 bays.

16' x 25' Garage and Shop.

2½ Story Brick House.

1st floor - 12'x16' modern kitchen (1 yr. old) including dishwasher and stove; also 3 other large rooms - 19'x10', 14'x11', and 8'x12' (2 rooms include wall to wall carpet); sun porch.

2nd Floor - 3 bedrooms - 8'x12', 11'x15' and 12'x16'; full bath; large hall with closets.

Full attic; full basement (½ concreted); oil hot air heating; drilled well, never failing, with new pump in '79.

TERMS: 10% down day of sale. Final settlement on or before April 1, 1985.

INSPECTION OF PROPERTY - Friday, Dec. 22 after 2:00 P.M. and Sat., Dec. 23, all day. For information call: 717-375-2377.

TERMS BY:
CHRIST & DELORES GETTEL
Shippensburg, Pa.
South Hampton Township
Ph. 717-375-2377
Auctioneers:
Melvin Sensenig 776-5054
Lamar Sensenig 532-9160
Lic. No. – AU-001803-L
Atty. Jerry Weigle
Not Responsible for Accidents

PUBLIC AUCTION

15 ACRE FARMETTE
FARM EQUIP., & SOME
HOUSEHOLD GOODS
SAT. DEC. 15th, 1984
11 A.M.
Located in East Cocalico Twp., Lanc. County approx. ½ south of Reinhold's Pa. along Rt. 897.

Farmette has approx. 15 acres of level ground with old log house that has alum. siding and also 9 rooms, no furnace, & no bath & also has barn. These buildings needs repair. It would be the ideal spot for builders or Real Estate People, to put a Residential development in here, because the property has barowater. Any interested buyer please call this number for appointment 215-267-5723. Property will be offered at 1 p.m.

(10% down Day of Sale & Bal. upon settlement)
(Farm Equip.) (David Brown 990 Tractor)
I Harvester chopper, (3 Bottom Ford plow 3 pt. hook up) Ford transport disk 32) 1 row AC Corn picker, AC silage chopper, JD Bale thrower like new, JD grain Drill 2 sect. spring harrow, 275 gal. milk tank, milk cans, milk pail Surge milk pump, single horse cultivator, 2 hole corn sheller, Hammermill **(Snow Mobile) (Household Goods)** 2 sausage stuffers, meat grinder, Butcher Kettles, swivel base waffle iron, old wood table claw foot & 4 boards, **(Old time Kitchen Cabinet with flour bin).**
2 auto Sears coal stoves, old side board & with mirror a few old tables, one with claw foot, Oak Wash stand, Dresser set, asst. of cane bottom chairs, chest of drawers, cedar closet, blanket chest, round top trunk, berry set & some thin wall china, asst. of red glass, blue glass, asst. of old milk bottles, IH cream separator, asst. of chinaware, & other goods a lot of scrap iron, some items not listed.
No out of state checks
Not responsible for accidents

Terms By
CHARLES W. & MARY G. GERHART
Charles Snyder (Atty.)
Arlin R. Weik (Auct.)
Lic. No.
AU-001721-L
Buchter & Hickernell clerks
Lunch Available

ANNUAL HARPER IMPLEMENT CO., INC.

SWAYZEE, INDIANA
12 MILES TO MARION
16 MILES TO KOKOMO

TUESDAY MORNING, DECEMBER 18, 1984
at 10:30 A.M.

Auction to be held 2 blocks south of the traffic signal light and then 2 blocks west of State Road 13 in Swayzee, Indiana.

**** SPECIAL NOTE AS TO SALE ORDER ****

10:30 AM – Lawn Mowers, snowmobiles, duals, and small equipment.

11:00 AM PROMPTLY – TRACTORS, followed by tillage equipment, other equipment, and combines, grain platform, and corn heads will sell last.
Expect auction to be over by 1:30 P.M. DON'T BE LATE!

AUCTIONEER'S NOTE: This is the opportunity you have been looking for to buy FIELD READY equipment at YOUR price. HARPER IMPLEMENT CO., INC. has always made a practice of SELLING the equipment that they offer at auction. COME PREPARED TO BUY AT YOUR PRICE!

(11) TRACTORS SELL AT 11:00 A.M.

JD 8640 – JD 8630 – IH 4366 – JD 4430 – (2) CASE 1370's – JD 4020 – IH 806 – JD 2040 – JD 2010 – JD 650 – JD 853 BLADE

1979 8640 Tractor, triple hydraulic, 3 pt. hitch, 20.8 x 34 tires & duals, 1650 hours; 1976 8630 tractor, 18.4x38 duals, 3 pt. hitch, PTO, triple remote, 2,000 hours; 853 blade for 8630 tractor; 1974 4366 tractor, 18.4x38 duals, no 3 pt. hitch, no PTO, 2,600 hours; 1976 4430 tractor, cab, air, quad, 18.4x38 tires, weights, 3,800 hours; 1976 1370 Case, cab/air, 400 hours on new engine, 18.4x38 tires, triple remote; 1974 1370 Case, 2,500 hours, no cab, 18.4x38 tires, weights; 1965 4020 gas, 5,377 hours, 16.9x34 tires, diff lock, JD wide front; IH 806 diesel, 18.4x34 tires, wide front, weights; 1976 2040 tractor, single remote, 625 hours, turf tires, JD 145 loader w/independent valve, 272 JD mid-mount mower, (Will sell as one unit); 1964 2010 gas with JD 36 loader; 1982 650 JD, 155 hours, turf tires, 2WD, no roll guard, with 160 mid-mount mower.

(8) COMBINES – (5) CORN HEADS – JD 220 FLEX

JD 7720 – WHITE 8600 – JD 6600 – (2) JD 4400 – GLEANER "G" – GLEANER "K" – UNI-SYSTEM – JD 643 – JD 443 – WHITE 704N – K230 – JD 220 FLEX

1981 7720 combine, hydrostat, AHHC, chopper, monitors, 30.5x32 tires, 14.9x24 rear tires, heavy-duty rear axle, 1,400 hours; 1977 8600 White, diesel, hydrostat, air conditioning, 13' White Kwik-Cut head; 1971 6600 combine, diesel, hydrostat, air conditioning, 1,975 hours; 1974 4400 combine, diesel, monitors, 15' Quick-Tach platform, 1,800 hours; 1972 4400 combine, gas, chopper, 13' QT grain head; 1970 Gleaner G combine with 15' table; 1972 Gleaner K combine with 13' table; 220 flex platform; 643 cornhead, SN:2542; 443 cornhead; 704N corn head for 8600 combine; 230 corn head for Gleaner K; 1976 NI707 diesel power unit w/2,000 hours; 1976 NI 717 combine; 1980 813 grain platform; 1980 841 feeder throat; 1980 844 wide row corn head.

24'9" GLENCOE SOIL FINISHER – 25' & 18' KRAUSE DISKS – 16'3" JD 712 MULCH TILLER – 13 SHANK IH CONSER – TILL – 13', 12', 12' CHISEL PLOWS – V-RIPPER – (7) MOLDBOARD PLOWS – 18' OFFSET DISK – 15' MULCHER – 30' HINIKER FF FIELD CULTIVATOR – 25' IH FC – 18½' JD FC – 6x30" JD 7000 PLANTER – 15' JD 400 HOE – (4) CULTIVATORS

JD 337 BALER – (2) ROTARY MOWERS – HYD. HOG TRAILER – IH 85 GRINDER – 7' SNOW BLOWER – 8' BLADE – GRAIN AUGER – HOPPER WAGONS – RIDING LAWN MOWERS – SNOWMOBILES – DUALS – TRACTOR CAB

TERMS: Cash or check with required identification. John Deere finance plan available to qualified buyers. Please contact Rex Riggs at Harper Implement Co., Inc. at 317-922-7904 for information on terms and required down payment.

WAIVER OF FINANCE: Qualified buyers with minimum down payment and minimum purchases of $10,000 are eligible for waiver of finance charges to September 1, 1985, on combines; June 1, 1985, on utility and 4WD tractors; March 1, 1985, on row crop tractors. Buyers may finance implements w/tractors if total purchases exceed $10,000.

WIN A CHRISTMAS GIFT FOR YOU OR YOUR SON

JD 320 SNOWBLOWER & JD RADIO CONTROLLED TRACTOR WILL BE GIVEN AWAY AT THE END OF THE SALE. YOU MUST BE A REGISTERED BUYER AND BE PRESENT TO WIN.

All machinery listed is subject to sale or trade prior to December 14, 1984. No listed machinery will be sold after the close of business Thursday, December 13, 1984. We will have additional items by sale day due to trades.

OWNER: **HARPER IMPLEMENT CO., INC.**
PHONE: 317-922-7904
AUCTION CONDUCTED BY: Not responsible for accidents.
Rex D. and Denzil Schrader
SCHRADER REAL ESTATE AND AUCTION COMPANY
209 W. Van Buren
Columbia City, IN 46725
Phone: 219-244-7606 or Ft. Wayne 625-3373

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT. FEB. 9 - Farm implements and Consignment Sale. Call 445-4452 to advertise consigned items. Located: Along Rt. 897 1 block South of Terre Hill behind Terre Hill Silo Co. block plant in East Earl Twp., Lanc. Co., PA. Ben Zimmerman & Son, Paul H. Zimmerman, Owners. LeRoy S. Horst, Auctioneer.

SAT. FEB. 9 - Public Sale of Farm Equip. and Household Goods. Located: 1 mile west of Octorara School, turn off Rt. 41 on Highland Rd. Terms by Melvin H. & Elizabeth Horst. Robert E. & Jeffrey R. Martin 717-656-7770. Frank L. Steller, Auctioneers.

THURS. FEB. - Public Sale of Farm Equip., Livestock, & Household Goods. Located 2 miles NW of Lititz, turn west off of 501 on Newport Rd. second farm on left. Terms by Elam M. & Naomi G. Stoltzfus. Robert E. & Jeffrey R. Martin 717-656-7770 & Frank L. Steller, Auctioneers.

FRI. FEB. 15 - 11 AM Public Auction of Construction Equipment, Cars, Trucks, Loaders, Etc. Located in Felton Delaware. Carroll's Sales Co., Inc., Auctioneers.

FRI. FEB. 15 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT. FEB. 16 - 10 AM Public Auction of Dairy Cows, Heifers, Mules and Farm Machinery. Located 2½ miles south of Strasburg along May Post Office Rd. or 4 miles North of 372 from Quarryville along May Post Office Rd. Lancaster Co., PA. Amos & Mary S Zook, Owners. Kreider & Kline Auction Service, Auctioneers.

SAT. FEB. 16 - Farm Equipment, Hay and Straw. Located: 1 mile West of Blueball off Rt. 322. John Aaron Zimmerman, Owner. Nevin Martin and Lewis Groff, Auctioneers.

Dairy and Livestock Sales

"The Auction Professionals"

J.M. Boswell's Auction Marketing Associates

SOD FARM —AUCTION—

IRRIGATION EQUIP. - TRACTORS/ATTACH.
TRUCKS - SOD CUTTERS - MOTOR GRADERS
MONDAY, DECEMBER 10, 1984 - 10:00 A.M.
Inspection 8:00 A.M. Day of Sale
NORTH BRANDYWINE TURF FARMS
Ordered by Duaine & Doris Houck

DIRECTIONS: Honey Brook, Chester County, Pa. From Rte. 30 (Downingtown) take Rte. 322 west to Rte. 10 (Honey Brook) turn left (south). Travel 1 mile, turn right on Cambridge Rd. WATCH FOR SIGNS!!!

FEATURE ITEMS

Minneapolis-Moline Forklift #MY40 (2 ton cap., dual wheels, air tires, 3 stage) * 2 Chrysler Ind. (CMC pump) irrigators * Irrifrance walking head irrigation system (new) w/sprinkler heads, elbows & adaptors * 117-20' lengths aluminum pipe, 3" to 6" * Austin Western motor grader * IH 706 diesel tractor * Cub Cadet 126 * 9N Ford tractor w/sickle bar, front end loader w/2 speed rear * CASE 580 CK diesel backhoe and loader * L225 Kubota w/front end loader * New Holland 676S manure spreader * '77 Custom DeLuxe #30 Chevy flatbed * '79 White boom truck w/250 Cummins, 10 sp. Road Ranger w/tandem axels * Hough front end loader (parts) Old Army fire pump * Ryan Ind. sod cutter * 16" roller * York rake * Roger #720 sweeper * Jacobsen 16" sod cutter * Self-propelled turf roller * Brillion cultipacker 64" seeder * Duall landscape grader * Set of 3 and set of 5 Worthington gang mowers (reel type) * Jacobsen Turf King mower 76" cut (reel type) * Sears 12 hp riding mower * 6' Allis-Chalmers bucket * Disc harrow (3 pt. hitch), springtooth harrow, spiketooth harrow * IH side delivery hay rake * Comm. mulch blower * Potato planter * (2) 25 hp Evinrude snowmobiles * Fairbanks Morse cattle scale.

(215) 692-2226

TERMS: CASH or it's equivalent.
Pa. Auct. Lic. #AU-085-L
Restrooms Food Service On Site

CLIP AND SAVE

PUBLIC AUCTION

SAT., JANUARY 5, 1985
1 P.M.
15 Acre Fruit & Produce Farm
Located 8 mile West of The Buck PA 2 mile South of Norman Wood Bridge on River Rd. from Rt. 372 go South on Slab Rd. to River Rd. turn right.

REAL ESTATE

Improvements consist of 5 bedroom 2½ story house, kitchen, living & dining rooms, full bath, 40x70 bank barn, wagon shed, nice place. Building new in 1978 app. 6 acres fruit trees in prime stage - 1 acre asparagus, 50x100 green house.

10% down sale day, final settlement on or before 60 days.

Owners
BENJAMIN B. & SUSIE GLICK
717-786-4624
Auct. Steve Petersheim
AU001349-L

PUBLIC SALE

THURSDAY, DEC. 13, 1984
at 2:00 P.M.
PRODUCTIVE 35 ACRE LANCASTER COUNTY DAIRY — BEEF TOBACCO FARM

Directions to farm, Rt. 322 Ephrata to Hinkletown, left at traffic light to Martindale, left onto Gristmill Road ¾ mile right on Centerville Road, 1st farm, Earl Twp. Lancaster Co., Pa.

Consisting of 35 acres M/L approx. 30 acre tillable balance in pasture and building which include:

2½ story frame dwelling with kitchen, built in sink & cabinets, living room & bedroom 1st floor. 3 bedrooms and full bath on 2nd floor, full actic, pressure system and drilled well, stucco wash house, 32x56 hip roof dairy barn built in 1973 w/24 tie stalls, built on milk house, 400 gal. Esco bulk tank and compressor, 12x55 concrete stave silo, also 36x50 bank barn w/tobacco scaffold, horse stable & stables for heifers and dry cows w/20x40 newer wing added, 8x35 concrete silo, metal lean to for machinery 20x35 tobacco shed with cellar, 18x18 carriage shed.

Inspection day of sale or by appointment by calling Warren Sauder 215-445-5834.

TERMS: 10% down payment, balance within 60 days, partial financing available to qualified buyer by prior arrangement only.

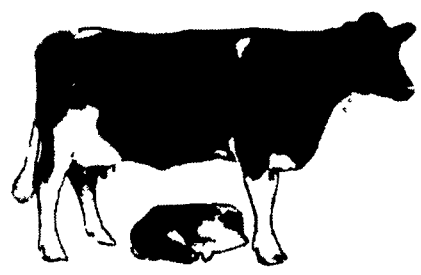
Terms By
JOHN M. & ANNA MARY SAUDER
Auctioneer, LeRoy S. Horst
215-445-6181 AU-0004-36-L
Attorneys, Wentz - Weaver - Kling

2 COMPLETE DISPERSALS
AT THE
SHADY LANE DAIRY SALES INC.

¼ Mile West of Quarryville off Oak Bottom Rd.

DAY TIME SALE **FRIDAY, DECEMBER 14, 1984** 11:30 A.M.

Herd #1 from Mr. & Mrs. Charles Harris, Cochranville, consisting of approximately 55 head Holstein Mature Cows and Heifers of all ages. Herd consists of several recently fresh, some dry, springing balance all stage lactation. This herd is large in size with a lot of dairy potential, well taken care of with plenty of fall and winter milk. A real opportunity to buy from a good clean herd.
Selling only because **Farm Is Sold.**
Mostly home raised cattle, years of breeding.
The Harris Family has always been know for good cows. A Family Operation.



Herd #2 from York County consisting of approximately 43 head of Hi-Grade Holsteins, 6 will be fresh by sale day, 10 due next 2 months, balance all stage lactation. Most of these are 2-3-4 year olds. The kind you will like that will stay in herd and do a good job. Selling due to discontinuing dairy operation.
Another Family run herd. A lot of these are home bred and home raised.
Sharp animals.

Also Approximately 50 to 60 head fresh and springing first calf heifers and cows bought from herd dispersals over the past 90 days. A couple good registered stock bulls. 30 day TB and blood test, pregnancy examined.

Farmers and Dealers make your plans to attend these good dispersals. It is a nice time of the year. We just might sell you a turkey and give you a cow!

Please Make Note...
This Is A Day Time Sale,
Our Last Sale For This year.

HAVE A MERRY CHRISTMAS AND A HAPPY NEW YEAR

SHADY LANE DAIRY SALES, INC.
Quarryville, PA
Glenn & Doris David & Carol
Kathleen & Matthew

Please Call If You Have Any Questions In Regards To This Sale
Glenn — 717-786-2750 David — 717-786-1725

Public Auction Register

PUBLIC AUCTION

OF FARM EQUIPMENT on the farm located just off route 14 (Del), take road 297 north to road 296, left ½ mile to farm. The farm is halfway between Denton, Md. and Harrington, Del...From Denton (route 313 take route 317 to Del. route 14...From Harrington route 13 take route 14 west to road 297, turn right, follow signs to sale.

SALE DATE:

MONDAY, DEC. 10, 1984

AT 11:00 A.M.

TRACTORS*COMBINES*FARM EQUIP.*TRUCKS

(2) JOHN DEERE 7700 COMBINES-Hydrostatic-Turbo-Roto screens-A/C cabs-both w/#218 floating heads, JD 643 corn head, JD 4630 TRACTOR w/duals-Power shift trans.-cab-air, JD 4020 TRACTOR w/late model side console, INT. 1066 TRACTOR, FORD 8N TRACTOR, ALLIS CHALMERS NO-TILL 15-15" planter, Int. tool bar planter #295 8 row-30", JD 8300 GRAIN DRILL, John Blue 400 gal. sprayer-Alum. tank-40' booms, Miller 14' offset disc, Case 17' disc, Brillion 19' cultipacker, JD 12' roller harrow, Brillion 15' roller harrow, White 6 bottom plows, Athens 10' chisel plow, 3 pt. field cultivator 12', McKee cultivator 8 row 30", JD 20' rotary hoe, planter frame 3 pt. w/seed box 11-18" rows, 3 pt. ditcher, Ford 2R cultivator, Rhino blade, JD #747 stalk mower, Case 6 bottom plows, Kilbrow 175 bu. grain auger wagon on 8 ton gear, 2 flat wagons, (2) Snyder 1600 gal. tanks, saddle tanks-Agrotec 200 gal., 275 gal. fuel skid tank, JD #158 loader, (2) sets of snap on dual wheels 16.9x38 & 18.4x38, JD saddle tanks for 4WD, PTO 12KW generator, tag axle, JD loader brackets, (5) #295 Int. planter units, (2) gas 2" pumps, Snowco grain cleaner, 6 ton feed tank, scratcher for 21' disc, various misc. items...

GRAIN TRUCKS, ETC.: '75 GMC truck tractor-t/a-13 speed-238 diesel, '69 Int. truck tractor-s/a-5&2, '66 Ford 16' dump, '73 Chev. 16' dump-427 cu. in. motor, '59 Chev. 18' flatbed truck, '71 Chev. Blazer-4" lift kit-3" body kit-17x40 tires w/Mag wheels, '79 Chev. 4WD pickup, 40' grain trailer-4' side w/canvas, 28' grain trailer-4' sides w/canvas, 22' flat trailer-t/a, '66 Int. 18' dump truck, grain auger 24' w/Wisconsin engine, truck tires & wheels.....High pressure washer, oil stove, gas space heating stove, etc.....22,500 gal. steel storage tank (nitrogen).

Owners
HARRY, RONALD & EUNICE W. COLLISON
RD-3, Box 101,
Harrington, Delaware 19952

HARRY RUDNICK & SONS, INC.
SALES MANAGERS & AUCTIONEERS
GALENA, MD. 21635,
phone (301) 648-5601

LUNCH

SAT. FEB. 16 - Complete Dispersal of Farm Machinery: lawn tractors 50-400 HP, 4 WD, Chisel Plows, Transport Discs, 14'-24', Large Cultimulchers, Large Grain Drills & Corn Planters, Harvesting Equip. 3 large pieces, Grain Trucks Big & Medium Sized Eq. & Misc. Items. LOCATED: 2½ miles south of Coatesville Intersection of Rt. 80 and Strasburg Rd. Leonard Strunk, Owner. Blaine Rentzel, Auctioneer.

Dairy and Livestock Sales

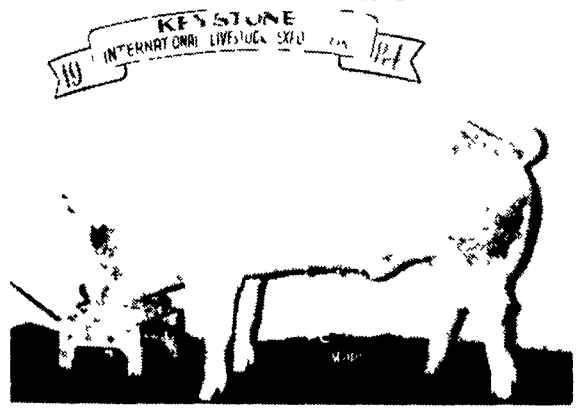
MERRY CHRISTMAS

FEESER'S 33rd PRODUCTION SALE

FRI. DECEMBER 14, 1984
1:00 P.M.
on our farm

40 BOARS-HAMPS & YORKS
20 XBRED BRED GILTS
60 OPEN GILTS-
HAMPS & YORKS & CROSS

Scan data on boars



Champion XCross Barrow at Keystone

ALL PIGS RAISED ON CONCRETE
VALIDATED BRUCELLOSIS FREE HERD #46
CERTIFIED PRV FREE HERD #4

Boars & Gilts Have Been Sprayed & Wormed For Parasites And Vaccinated for Parvo-Virus Lepto, Erysepelas, Atrophic-Rhinitis and Pasturella.

"WE GUARANTEE WHAT WE SELL"

FRANKLIN AND JULIE FEESER
Box 372 Taneytown, Maryland 21787
301-751-1287

- SOUND PRODUCTION
- SOUND CUSTOMER RELATIONS
- SOUND HEALTH PROGRAM
- SOUND GENETICS

FIELDMAN: JACK FICKEN, HSR & AYC
WRITE OR CALL FOR SALE BROCHURE
Auctioneer Harry Bachman

TUES. FEB. 19 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

BY ORDER OF
U S BANKRUPTCY COURT
PUBLIC AUCTION
WED., DEC. 12 10 A.M.
International Harvester
TRUCK TRACTORS & TRAILERS
(NEARLY 100 UNITS
The Former Mandata Poultry Company
Route 225, Herndon, PA
(35 Mi North of Harrisburg)
Truck Tractors Incl I H COF4070A & B s Twin Scres (7) I H 200D Single Axles (19) I H Vans 12 16 Ft (7) I H Feed Trucks (2) I H Dump Trucks Welder Trucks Tanker Wrecker Hi Lifts Air Comp Trucks & Others 1968-78 (Total 51 Units)
Trailers Incl Van Trailers 40 ft Refrig & Non Refrig Bobcat Hauler, Up To 1977 (42 Units)
Inspect: Sat. Dec. 8 1 P.M. To 4 P.M.
Terms Cash Or Cert Funds
Call or Write For Details
Col. Steve Sitar, Auctr.
P O Box 581
Scranton, PA 18501
717 586 1397
Pa Lic #2124-L

THURS. FEB. 21 - 9:30 Two Day Sale. New, Used and Abused farm mach., new tools, fruit, and cousin. FRI. FEB. 22 - Will be antiques, tracs., engines and literature. Terms Elias S. Beiler. Auctioneers Robert E. & Jeffrey R. Martin. 717-656-7770.Blaine Rentzel Auctioneers.

MON. FEB. 25 - Public Auction of Farm Equipment. Located at Frystown, along 645. Swope and Bashore, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

THURS. FEB. 28 - 10 AM Public Auction of Farm Equipment. Located in Bern Twp., Berks Co., along Grange Rd., Leesport. Mat-Mar Farms, Owners. Horning Farm Agency, Inc., Auctioneers.

MARCH

FRI. MARCH 1 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT. MAR. 2 - Farm Equipment, Tools, and Household Goods. Near Cambridge. Chester M. Martin, Owner. Nevin Martin and Lewis Groff, Auctioneers.

PUBLIC AUCTION

CONSTRUCTION EQUIPMENT
CARS, TRUCKS, LOADERS, ETC.

FRIDAY, FEBRUARY 15, 1985
11 A.M.
FELTON, DELAWARE

Attention Contractors & Equipment Dealers
Consignments are now being taken
Consign Now
Call or write us for consignment forms.
Chester Lee Carroll
Harry Barrett, Jr. Sls. Mgr.
P.O. Box 307, Felton, Delaware 19943
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Carroll's Sales co.
P.O. BOX 307, U S. RT. 13
FELTON, DELAWARE 19943

302/284-4911 302/284-4541

Announcing THE 1984 GOLDEN HARVEST and 330th GARDEN SPOT SALES

THURSDAY, DECEMBER 13, 1984 11:00 A.M.-GUERNSEY SALES PAVILION, LANCASTER, PA.

A CHOICE, HAND-PICKED SELECTION OF REGISTERED HOLSTEINS

-140 HEAD-

70 Young Cows, 40 Bred Heifers, 6 Top Bulls, Balance Yearlings & Calves

Top Sires- 8 Valiant, 8 Sexation, 8 Bell, 6 Elevation, 5 Pete, 3 Columbus, 3 Bootmaker, 3 Apollo, Also, Valor, Glendell Chairman, Tony, and Bova

Over the years the Golden Harvest Sale has established a fine tradition of selling top cattle to fit the dairyman's needs, at the dairyman's price. This years offering is truly the lowest in years. Young, hard-working, top sires, more than 30 with EX dams, all with production pedigrees. Plan to be there!

Of All The Cattle Being Sold This Month, This Is The Group Worth Waiting For

Sales Staff –
Charles Backus – 315-963-7231
Horace Backus – 315-963-7231
Charles C Myers – 717-898-0983
Jay Howes – 717-367-9236
Mike Weimer – 717-652-3486
Les Hosking, Jr. – 914-355-1666

Send for catalog to –
BACKUS ASSOCIATES, INC
P.O. Box 424
E-Town, PA. 17022

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 2 - 9 AM Public Auction of the 21st Annual Consignment Sale of Bart Fire Co. Selling hay, straw, farm equip., furniture, quilts & antiques. LOCATED: at Bart Fire Hall, Georgetown, PA. Local Auctioneers.

MON. MARCH 4 - Public Auction of Farm Equipment. Located 1 mile south of Richland off Milbach Road. Paul Z & Eva B. Martin, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

FRI. MAR. 8 - Farm machinery, Holstein dairy heifers. 5 miles north of Bloomsburg, PA, Columbia Co. Glen & Betty Bowman, owners. Fraley Auction Company.

FRI. MAR. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc , Auctioneers.

SAT MARCH 9 - 9 AM Public Auction of Farm Machinery, Household Goods, Antiques located 2 miles Northeast of Bernville off Shartlesville Road, 1 mile to first farm on left, 4 miles South of Shartlesville, 4 miles south of Berks County. Sale by Wilbur and Pauline Hartranft, Owners; Paul Snyder and Alvin Horning, Auctioneers

SAT. MARCH 9 - 8:30 AM Public Auction Annual Consignment Sale of the Gordonville Fire Co. Selling Farm Equipment, Livestock, Household Goods, Quilts and Antiques. Located at the Gordonville Fire Hall, Gordonville, PA Gordonville Fire Co. Sales Committee, Owners Ron Funk & Local Auctioneers.

TUES. MARCH 12 - Farm Equip. and tools. Paul Garman, Owner. Located Denver, PA. Nevin Martin and Lewis Groff, Auctioneers.

FRI. MAR. 15 - 5 PM Tractor and Truck Sale. Kempton Community Center inside Northern Berks Co. Russell Henry 215-756-6511.

SAT. MAR. 16 - 9 AM. Farm Eq. & small items. Kempton Community Center, Northern Berks Co. 12 Auctioneers. Russell Henry 215-756-6511.

TUES. MARCH 19 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA 17536.

FRI MAR. 22 - 10 AM Horse Sale. New Holland Sales Stables, Inc., Auctioneers.

SAT. MARCH 23 - Public Auction of Farm Eq. located west of Millersville along Rt. 999. Ernest & Anna Mary Lefever, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

FRI. MAR. 29 - 9 AM Farm Equipment. New Holland Sales Stables, Inc , Auctioneers.

SAT. MARCH 30 - 5 PM Public Auction of the 3rd Annual Lancaster Farm Toy Auction, Show & Sale Located at the Lancaster Treadway Inn, Rt. 30 and Oregon Pike, Rt. 272, Lancaster, PA. Wally Hooker, Auctioneer

APRIL

FRI APR. 19 - 9 AM Farm Equipement. New Holland Sales Stables, Inc , Auctioneers.

SAT APRIL 20, 1985 - Public Auction of the 19th Annual Colonial Charolais Spring Sale. Located at the Frederick Fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Buzz Garey, Manager.

TUES. APRIL 23 - Public Consignment Auction in Kirkwood, PA. Lancaster County. Hay, Straw and Grain, Horses and Mules, Farm Machinery, small items, Tools, Groceries, Fruits and Vegetables and Dry Goods. For advertising arrangement, write today. King's Auction, R 1, Box 329, Kirkwood, PA. 17536.

MAY

FRI MAY 3 - 7 PM Horse Sale. New Holland Sales Stables, Inc , Auctioneers.

SAT. MAY 18 - 10 AM Grade Heifer. New Holland Sales Stables, Inc , Auctioneeers.

FRI. MAY 24 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

JUNE

SAT. JUNE 8 - 10 AM Registered Heifer. New Holland Sales Stables, Inc., Auctioneers.

SAT. JUNE 22, 1985 - Public Auction of the Colonial World Class Sale '85. Located at Riverwood Farms, Powell, Ohio. Sponsored by Colonial Charolais Assoc. Buzz Garey, Manager

AUGUST

FRI. AUG. 2 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

SEPTEMBER

FRI SEPT. 6 - 7 PM Holstein Promotion. New Holland Sales Stables, Inc., Auctioneers

FRI. SEPT. 13 - 9 AM Farm Equipment. New Holland Sales Stables, Inc , Auctioneers.

SAT. SEPT. 28 - 10 AM Fall Heifer Sale. New Holland Sales Stables, Inc., Auctioneers.

OCTOBER

WED. OCT. 30 - 9 AM Dairy Show. New Holland Sales Stables, Inc.

NOVEMBER

FRI NOV. 8 - 9 AM Farm Equipment New Holland Sales Stables, Inc., Auctioneers

Dairy and Livestock Sales

SPECIAL SALE

GREEN DRAGON LIVESTOCK SALE
FRIDAY, DEC. 14, 1984

1 Herd Consisting of 47 head cows & 27 heifers. Some fresh, Spr. Bal in all stages of production including 2 Jersey, 2 Gur. - 2 short horn balance Holstein. Tested for Pregnancy. All animals inoculated for shipping fever.

WALTER H. RISSER
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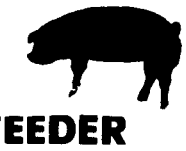


GRADED FEEDER PIG SALE

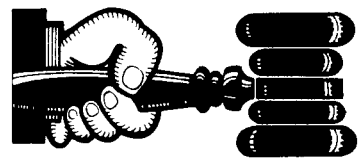
1:00 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES



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NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY JANUARY 4, 1985

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

* 2 Load Work Horses and Mules consigned by Ward Wright.
* 30 Head Work Horses from Canada consigned by Frank Carper.
* 1 Load Work Horses consigned by Tom Collins.
* 1 Load Work Horses consigned by Jap Steelman.
* 1 Load Work Horses consigned by Jim Howard.
* 1 Load Work Horses and Driving Horses consigned by Bud Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.
* 1 Load Driving Horses consigned by Levi B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale Fri. Jan. 18

SPECIAL HOLSTEIN DAIRY SALE

FRIDAY, DECEMBER 14, 1984
7:30 P.M. E.S.T.

To be held at Smoketown Quality Dairy Sales Co., Rte. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Smoketown, Pa.

1 LOAD CATTLE, DAIRY COWS, AND HEIFERS OUT OF NEW ENGLAND STATES. SEVERAL OF THESE COWS MILKING 70 to 90 LBS. PER DAY

A Few Examples:

* Reg. 3 yr. old PenDel Elevation Ivan due 12/5/84 to Gil-Tex-B Milkmaster Twin, 2 yrs. 281 dys. 13,635M 4.1T. 563F.
* Reg. 2 yr. old PenDel Elevation Ivan. Her Dam's 3 yr. record 336 dys. 19,071M 3.8T 732F.
* Reg. 4 yr. old Round Oak Apollo Virginia, Her 3 yr. old record 331 dys. 20,847M 3.8T 785F due to Gil-Tex-B Milkmaster Twin.
* Reg. 2 yrs. old Chardale Arlinda Chief Jemini.
* Reg. 2 yr. old Green Banks Adventuer, fresh. Her dam 4.1 and 4.6 Test.
* Reg. 4 yr. old Straight Pine Elevation Pete dtr. GP 82 (4-H Project) due Dec. 27 to Stoney Lawn Paclamar Leprechaun an ABS Bootmaker Son, 3 yrs. 340 dys. 20,422M 679F.
* Reg. cow born 8/5/80 due 12/13/84 to Willow Cray Mag. Valiant Noel E.T. Sire-Producers Skylark Comet. Dam-Optimist daughter. Comet dtrs. averaged 16,900 milk plus 1,103 fat.

Twelve (12) 1st calf heifers out of one herd dispersal, fresh, milking from 50 to 75 lbs. This is a fancy group of heifers.

2-REGISTERED RED AND WHITE HOLSTEIN BULLS IN BRATTLEBORO ASSOCIATION-2

• Reg. Big Pine Camille Rosco Red. Sire-Borhart Elevation Camille Red. Dam-Big Pine Lancelot Rusty Red 2 yrs. 11 mo. 346 dys. 20,312M 724F, 5 yrs. 2 mos. 312 dys. 21,425M 720F, 6 yrs. 2 mos. 327 dys. 21,462M 755F. GrDam-Big Pine Billie Rosie Red with records from over 14,000 to over 17,000.

• Reg. Big Pine Arctic Bud Red. Sire-C. Ingholm Arctic. GrSire S.W.D. Valiant. Dam-Big Pine Diplomat Della. Dam's record 2 yrs. 357 dys. 16,506M 4.0T 668F 549 pro. Gr.Dam-Big Pine Billie Rosie Red.

These are big strong bulls ready for service.

"WE DON'T SELL QUANTITY---WE SELL QUALITY!"

Sale by
SMOKETOWN QUALITY DAIRY SALES, INC.
GORDON & HELEN FRITZ
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Carl Diller – Paul Snyder, Auctioneers
AU-000873-L
Henry Kettering, Pedigrees
Lunch by Sublette

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Lancaster, PA — Woodsboro, MD

PRIVATE SALES DAILY at TWO LOCATIONS

Quality Dairy Cows & Heifers on hand at all times many just fresh the rest close springers. Several fancy Purebred cows & first calf heifers with pedigrees. Lots of Fresh Grade cows, some milking 80 to 90 lbs. per day. Some really good big fresh grade heifers - the kind that will work for you. 15 really top grade heifers due Feb. & March. Some open heifers are available.

Stock Bulls _____ Purebreds & Grades
Heifer Calves _____ Purebreds & Grades

Farmers if you need good cows or heifers come & look for yourself at the Lancaster, PA Farm or Woodsboro, MD Farm. We try to buy the tops from the best herds in several states. N.Y., Maine, WI, New Hampshire, PA., MD., & Canada. New one's arriving daily at both farms.

• PRIVATE SALES DAILY •
Lancaster, PA Farm
NEXT SALE
Thurs., Jan. 3, 1985 11:00 A.M.
717-569-6800/2106

• PUBLIC SALES MONTHLY •
Woodsboro, MD Farm
NEXT SALE
Thurs., Dec. 20, 1984 11:00 A.M.
301-898-7720/7663

PURINA BEEF PROGRAM

Stress/Starter Shipped in animals

* Preconditioning/Receiving Chow

- 400-550 lbs. - full feed for 21 days (recommended)
- heavier cattle - 10 lbs./day for 15 days along with corn silage starting 3rd day (when needed)

Growing to 750 lbs. - develop bone, muscle, vitamins for soft tissue. Low energy required.

* Cattle Grower & Finisher 12% rm 800 6% NPN, 11% Ca., .4 ph, 30,000 Vita IU/lb.
Feed ½ lb./day, ½ - 1 lb. soy meal, and full feed corn silage (Animals consume 2.5% of body weight in dry matter. 2-4 lbs. corn will increase a.d.g. by ½ lb. When haylage feeding, 5-6 lbs. corn may be required to balance protein.)

* Cattle Grower 32 rm 200 - feed 2 lbs./head/day
16% NPN, 3.5 Ca., .8 ph 15,000 Vita/lb. 1,500 Vita D/lb., 20% fiber, 1.5% fat

* Special Feedlot 40% rm 267 - feed 1½ lbs./head/day
19% NPN, 5.5% Ca., 1% ph, 30,000 Vit A, 3,000 Vit D

Finishing Marble meat, add fat, higher energy ration is required. Feed any of the above products or;

* Cattle Finisher 40 rm 267 1.5 lbs./head/day
rm 400 1 lbs./head/day
26% NPN, 5.5 Ca., .8 ph, 15,000 Vit A, 1,500 Vit D

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